

**BOBBY JINDAL**  
GOVERNOR



**HAROLD LEGGETT, PH.D.**  
SECRETARY

**State of Louisiana**  
**DEPARTMENT OF ENVIRONMENTAL QUALITY**  
**ENVIRONMENTAL SERVICES**

Certified Mail No.

Activity No.: PER20050003  
Agency Interest No. 2164

Mr. Larry Vauclin  
Vice President  
Bollinger Calcasieu, LLC  
P.O. Box 250  
Lockport, LA 70374-0250

RE: Part 70 Operating Permit, Bollinger Calcasieu, LLC  
Sulphur, Calcasieu Parish, Louisiana

Dear Mr. Vauclin:

This is to inform you that the permit for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the \_\_\_\_\_ of \_\_\_\_\_, 2014, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and agency interest number cited above should be referenced in future correspondence regarding this facility.

Please be advised that pursuant to provisions of the Environmental Quality Act and the Administrative Procedure Act, the Department may initiate review of a permit during its term. However, before it takes any action to modify, suspend or revoke a permit, the Department shall, in accordance with applicable statutes and regulations, notify the permittee by mail of the facts or operational conduct that warrant the intended action and provide the permittee with the opportunity to demonstrate compliance with all lawful requirements for the retention of the effective permit.

Done this \_\_\_\_\_ day of \_\_\_\_\_, 2009.

Permit No.: 0520-00100-V1

Sincerely,

Cheryl Sonnier Nolan  
Assistant Secretary

CSN:CWS  
c: EPA Region VI

**AIR PERMIT BRIEFING SHEET  
AIR PERMITS DIVISION  
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Bollinger Calcasieu LLC  
Agency Interest No.: 2164  
Bollinger Calcasieu LLC  
Sulphur, Calcasieu Parish, Louisiana**

**I. Background**

Bollinger Calcasieu, LLC (BCR) owns and operates a marine cleaning and repair/maintenance shipyard located in Carlyss, Louisiana.

Bollinger Calcasieu was previously permitted by a prior owner under two Title V permits, Permit No. 2460-V0, issued April 14, 1997, for marine cleanup and Permit No. 2483-V0, issued September 3, 1997, for repair/maintenance. In August of 2002, Bollinger committed to eliminate the cleaning and gas freeing of chemical barges and to consolidate all remaining operations under Permit No. 0520-00100-03, issued August 30, 2002. The current state permit only allows for the cleaning and gas freeing of marine vessel liquids consisting of Lube Oils, Kerosene and Diesel fuels and pressurized marine vessels containing butane, propane, propylene, and propane/propylene mix for repair/maintenance work.

Bollinger has submitted this application to modify State Permit No. 0520-00100-03 and replace that permit with a Title V permit for the entire facility. This Title V permit authorizes Bollinger to gas-free and clean numerous barge cargo tanks and marine vessel tanks. It also identifies new activities and sources and updates existing sources at the facility.

This is the Part 70 operating permit for the facility.

**II. Origin**

A permit application and Emission Inventory Questionnaire were submitted by Bollinger Calcasieu LLC on April 21, 2005 requesting a Part 70 operating permit. Additional information dated March 6, October 24, November 30, 2007, February 12, 2008, March 9, 18, 19, April 13 and 29, 2009 was also received.

**III. Description**

**Marine Cleaning and Gas Freeing Operations**

Vessels, usually barges of various sizes, may arrive at the facility with or without cargo aboard. In most cases, the vessel arrives after the customer has removed the cargo, leaving only residual free liquids, referred to as heels, remaining in the cargo tanks. Depending on the requirements of the next service of the vessel, different operations may occur.

**Stripping:** Stripping is usually required to prepare a vessel for another load of the same cargo as the previous load. Bollinger removes the heels and vapors from the previous load. Vapors of all vessels, except those containing low vapor pressure cargoes, will be vented to one of the thermal oxidizers, EQT055, 1-07 – Thermal Oxidizer No. 1, and EQT056, 2-07 – Thermal Oxidizer No. 2. Vapors from heavy oil marine vessel tanks with low vapor pressures will be vented to a common exhaust stack GRP003, 2-64 – Marine Vessel Tank Venting.

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Agency Interest No.: 2164  
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**Cargo Change:** When vessel tanks must be prepared for a cargo change, additional cleaning may be required. After stripping operations, the vessel tanks may be washed with water. Occasionally a small amount of degreasing chemical is added to the water to assist in removing residual chemicals remaining in the tanks due to 'clingage.' Wash water contaminated with the residual chemical, scale, rust, and other debris is sent to the onsite wastewater treatment plant. After washing, the tank may be blown dry with air.

**Gas Free for Hot work:** Vessels may arrive for repairs and not require cleaning of cargo tanks, but repair work may require that a tank be gas freed or inerted to reduce the risk of a fire from hot work repairs. Depending on the cargo and the extent of the repairs required, the tank may be pressurized with nitrogen to reduce vapor concentrations below the lower explosive limit (LEL) or may require cleaning as if a change of cargo were required.

Heels removed from vessel tanks are to be handled in one of two ways. Chemical heels are stored in one of four on-site tanks (2M-64, 2L-64, 2K-64, and 2J-64) until they can be loaded to off-site destinations via tanker trucks. Some chemicals may be mixed together in the tank while others may need to be segregated. When possible, the chemical is returned to the manufacturer or another facility for use as a product. These four chemical tanks have an operating pressure of 15 psia that eliminates standing losses from the tank. Emissions during loading into the tanks are routed to the thermal oxidizers EQT055 and EQT056 before being released at GRP003. One of the thermal oxidizers is equipped with a caustic scrubber which is used for the control of vapors containing chlorinated hydrocarbons. Emissions from the loading of trucks from the chemical tanks are included in EQT009, 5-93 – Truck Loading.

Petroleum product heels are loaded into the mixed oils tanks (8-64, 2B-64 through 2I-64, and 2N-64 through 2Q-64). Each of these petroleum storage tanks are equipped with a pressure release vent set at a minimum operating pressure of 1.5 psia to prevent standing losses. All of these tanks, except 2N-64 through 2Q-64, vent through a vent header system to a common stack. Emissions from all tanks are included under GRP003. EQT019, 8-02 – Vacuum Receiver Tank R-1, and EQT020, 9-02 – Vacuum Receiver Tank R-2 serve as vacuum pumps and not as storage vessels. The mixed oils are removed from the facility via tanker truck. Emissions from the loading tanker trucks from the mixed oil tanks are included under EQT009.

Contaminated wash water from vessel tank cleaning is treated on-site at the LPDES permitted wastewater system prior to discharge or recycled for vessel tank washing in lieu of discharge. Contaminated wash water is first pumped to the main oil water separator (EQT018, 6-01 – Oily Water Tank 01). Oil that is separated in the oil water separators is pumped to the mixed oil tanks. After the primary oil water separators, wash water is fed through a set of skimmers (EQT022, 23-02 – Water Treatment Tank WTT-1 and EQT023, 24-02 – Water Treatment Tank WTT-2) to the wash water surge tanks (EQT012, 9-93 – Wash Water Surge Tank S-1 and EQT013, 10-93 – Wash Water Surge Tank S-2). These surge tanks can also act as oil water separators if an oil phase is present in the tank. The surge tanks feed EQT014, 11-93 - Activated Sludge Tank AR-1, and EQT015, 12-93 – Activated Sludge Tank

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AIR PERMITS DIVISION  
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**AR-2.** After treatment in the activated sludge tanks, wash water is sent through two clarifying units (EQT024, 25-02 – Water Clarifier 1 C1, and EQT025, 26-02 – Water Clarifier 2 C2) and then to EQT010, 7-93 – Treated Water Storage Tank W-1, EQT011, 8-93 – Treated Water Storage Tank W-2, EQT016, 13-93 – Treated Water Storage Tank W-3, and/or EQT017, 14-93 – Treated Water Storage Tank W-4. Water from the treated water storage tanks is then recycled for barge wash water, recycled through the wastewater treatment system to maintain hydraulic balance, or discharged to the Calcasieu River.

Vessels containing liquefied petroleum gases materials may arrive at the facility for repair or depressuring. Bollinger shall control emissions from the venting and cleaning of barges whose cargo is in a gaseous state at standard conditions by routing to a flare (EQT008, 11-64 - Flare).

#### **Repair Operations**

The Calcasieu shipyard is also a full-service marine vessel repair, maintenance, and construction facility that performs work on marine vessels, barges, and boats. Activities resulting in emissions to the atmosphere include painting, sand blasting, welding, metal cutting and grinding. These activities take place at various places in the shipyard and on the vessels.

Other emission points at the facility included an oil-fired hot water heater, miscellaneous gasoline fuel tanks, a portable gasoline welding machine, a portable diesel welding machine, a diesel generator engine, a diesel oil wash pump, a drydock generator, an emergency generator, a diesel storage barge and associated pump engine, miscellaneous diesel and gasoline engines, associated fugitives from piping, and numerous insignificant activities.

This Title V incorporates the following changes from State Permit No. 0520-00100-03:

- Authorize Bollinger to gas-free and clean barges and marine vessels carrying chemical and petroleum related cargos,
- Revise the proposed barge cleaning service list and resulting emissions due to current market requirements.
- Add two thermal oxidation units, EQT055 and EQT056. One thermal oxidizer will be equipped with a caustic scrubber which will be used for the control of vapors containing chlorinated hydrocarbons. Both thermal oxidizers will be used to control emissions from barge cleaning operations at the facility. After control at the thermal oxidizers, vapors are routed to GRP003.
- Revise the emissions estimation of Painting Operations (ARE002, 3-64 – Painting Operations), to include particulate emissions from paint overspray and to update Toxic Air Pollutant (TAP) speciation.
- Update emission estimations of Abrasive Blasting (ARE003, 12-64 – Abrasive Blasting), Metal Cutting (ARE004, 3-02 – Metal Cutting), and Portable Gasoline Welding (ARE006, 5-02 – Portable Gasoline Welding),
- Revise emissions from Welding operations (ARE005, 4-02 - Welding ) due to more accurate data.
- Include the Change of Tank Service from gasoline to diesel for EIQ 9-64, Contractor

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Diesel Tank, issued September 14, 2004.

- Create an emission cap, GRP002, WWT-CAP – Waste Water Treatment System, for the existing emission sources in the waste water treatment system. The sources which will be included in the emission cap include:
  - EQT010, 7-93 - Treated Water Storage Tank No. 1,
  - EQT011, 8-93 - Treated Water Storage Tank No. 2,
  - EQT014, 11-93 - Activated Sludge Tank, 1<sup>st</sup> Stage,
  - EQT015, 12-93 - Activated Sludge Tank, 2<sup>nd</sup> Stage,
  - EQT016, 13-93 - Treated Water Storage Tank No. 3,
  - EQT017, 14-93 - Treated Water Storage Tank No. 4,
  - EQT024, 25-02 - Water Clarifier No. 1,
  - EQT025, 26-02 - Water Clarifier No. 2.
- Increase emissions within the facility due to an increase in the number of vessels cleaned, throughput of oils used in cleaning tanks, and changes in the composition of oil because Bollinger is servicing a wider variety of products in vessels.
- Increase emissions from the flare, EQT008, due to an increased number of vessels being depressurized and serviced at the facility.
- Increase the hours of operation and fuel use for EQT026, 29-02 - Diesel Oil Wash Pump.
- Addition of six internal combustion engines:
  - EQT032, 2-04 - Diesel Fired Portable Welding Machine,
  - EQT033, 3-04 - Miscellaneous Diesel Engines,
  - EQT057, 3-07 - Drydock generator,
  - EQT058, 4-07 - Yard Emergency Generator 2,
  - EQT059, 5-07 - Midstream Fueler Pump Engine, and
  - EQT060, 6-07 - Miscellaneous Gasoline Engines.
- Include 1-04 - Midstream Fueler 5, in this permit. The vessel is currently used to store fuel which is removed from vessel tanks to facilitate hot work on the vessels. The fuel is reloaded to the vessels after completed the hot work. This vessel may also provide new fuel for vessels.
- Add Miscellaneous Diesel Tanks (EIQ 8-07) as an Insignificant Activity,
- Remove the two ammonia scrubbers, EIQs 1-94 and 2-94. Pressurized anhydrous ammonia barges will not be vented or cleaned at the Calcasieu facility unless they arrive at the facility in a gas-free condition.
- Update Fugitive Emissions estimate. Fugitive emissions in the current permit were estimated in a conservative estimate. The increase in emissions is due to estimation methodology changes. Emission methodologies for this application are based on AP-42 factors. Emissions from liquid lines utilize the SOCMi average factors, while emissions from gas lines utilize SOCMi screening factors. Screening data for leak rates was taken from emission testing performed at similar operations at Bollinger's facility in Amelia, LA. Fugitive emissions from the chemical tank piping are based on any chemical being in service 8,760 hr/yr.
- Increase throughput and material composition for truck loading.
- Remove Oily Water Tank 7-64.
- Add emission source 7-07 Misc. Gas Tanks

**AIR PERMIT BRIEFING SHEET**  
**AIR PERMITS DIVISION**  
**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

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**Agency Interest No.: 2164**  
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- Add Insignificant Emission source 8-07 Miscellaneous Diesel Tanks

Estimated emissions in tons per year are as follows:

Pollutant	Before	After	Change
PM <sub>10</sub>	9.64	21.15	+ 11.51
SO <sub>2</sub>	30.53	10.56	- 19.97
NO <sub>x</sub>	17.79	52.86	+ 35.07
CO	8.57	66.04	+ 57.47
VOC *	44.96	131.00	+ 86.04

\* VOC LAC 33:III.Chapter 51 Toxic Air Pollutants (TAPs):

Pollutant	Before	After	Change
Acetaldehyde	-	0.12	+ 0.12
Acrylonitrile	-	0.235	+ 0.235
Benzene	0.12	0.77	+ 0.65
Biphenyl	0.05	-	- 0.05
n-Butanol	4.43	4.49	+ 0.06
1,3 Butadiene	-	0.935	+ 0.935
Chlorobenzene	-	0.045	+ 0.045
Cresol	-	0.02	+ 0.02
Cumene	0.04	0.99	+ 0.95
1,2 Dichloroethane	-	1.091	+ 1.091
Dibutyl Phthalate	-	< 0.01	+ < 0.01
Epichlorohydrin	-	0.01	+ 0.01
Ethyl Acrylate	-	0.07	+ 0.07
Ethyl benzene	1.18	1.75	+ 0.57
Ethylene Glycol	-	0.17	+ 0.17
Formaldehyde	-	0.01	+ 0.01
Glycol Ethers	0.10	0.20	+ 0.10
n-Hexane	< 0.01	0.89	+ 0.88
Methanol	0.16	0.57	+ 0.41
Methyl Ethyl Ketone	0.03	0.07	+ 0.04
Methyl Isobutyl Ketone	0.10	0.32	+ 0.22
Methyl Methacrylate	-	1.89	+ 1.89
Naphthalene	0.05	0.01	- 0.04
Polynuclear aromatic hydrocarbons	-	0.040	+ 0.040
Phenol	-	0.01	+ 0.01
Propylene Oxide	-	0.09	+ 0.09
Styrene	-	0.57	+ 0.57
1,1,2,2-Tetrachloroethane	-	0.002	+ 0.002
Tetrachloroethylene	-	0.63	+ 0.63
Toluene	3.19	2.06	+ 1.13
1,1,1-Trichloroethane	-	1.08	+ 1.08
Trichloroethylene	-	0.66	+ 0.66
Vinyl Acetate	-	0.13	+ 0.13
Xylene	5.16	5.24	+ 0.08

**AIR PERMIT BRIEFING SHEET**  
**AIR PERMITS DIVISION**  
**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

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Total:	14.61	25.168
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* Other VOC (TPY):	105.83
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**Non-VOC LAC 33:III.Chapter 51 Toxic Air Pollutants (TAPs):**

Pollutant	Before	After	Change
Ammonia	-	3.61	+ 3.61
Arsenic	< 0.01	< 0.001	- 0.09
Barium	0.02	0.041	+ 0.021
Cadmium	< 0.01	-	- < 0.01
Chlorine	-	< 0.01	+ < 0.01
Chromium (VI)	0.11	0.009	- 0.101
Copper	0.02	0.258	+ 0.238
Hydrogen Sulfide	-	0.10	+ 0.10
Hydrochloric Acid	-	1.03	+ 1.03
Manganese	0.67	0.05	- 0.62
Nickel	0.10	0.011	- 0.089
Zinc	0.09	0.28	+ 0.19
Total:	1.01	5.389	

**Supplemental LAC 33:III.Chapter 51 Toxic Air Pollutants (TAPs):**

Pollutant	Before	After	Change
Bis (2-ethylhexyl) phthalate	-	0.05	+ 0.05
Cobalt	< 0.01	< 0.01	-
Hydroquinine	-	0.004	+ 0.004
Lead	< 0.01	< 0.01	-
Methyl Tert-butyl Ether	-	0.26	+ 0.26
4,4-Methylene Dianiline	-	0.01	+ 0.01
2,2,4-Trimethylpentane	-	< 0.01	+ < 0.01
Total:	< 0.01	0.324	

Aggregate facility-wide emissions of all TAPs shall be limited to 30.881 tons per year. The permittee may emit TAPs, not specifically listed, at rates below the MER. Emissions in excess of this limit in any 12 consecutive month period shall be a violation of this permit.

**IV. Type of Review**

This permit was reviewed for compliance with 40 CFR 70, the Louisiana Air Quality Regulations, New Source Performance Standards (NSPS), and National Emission Standards for Hazardous Air Pollutants (NESHAP). Prevention of Significant Deterioration (PSD), do not apply.

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**AIR PERMITS DIVISION**  
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**Agency Interest No.: 2164**  
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This facility is a major source of toxic air pollutants (TAPs) pursuant to LAC 33:III.Chapter 51.

Acrylonitrile (Class I), Barium (Class 2), Benzene (Class I), 1,3-Butadiene (Class II), Chlorobenzene (Class II), Copper (Class 2), 1,2-Dichloroethane (Class II), Manganese (Class II), Nickel (Class I), Trichloroethylene (Class II) are emitted at a rate greater than or equal to the minimum emission rate (MER) and therefore require controls at a level which constitutes Maximum Achievable Control Technology (MACT).

MACT for emissions from painting operations has been determined to be compliance with NESHAP Subpart II--National Emission Standards for Hazardous Emissions from Shipbuilding and Ship Repair (Surface Coating). MACT for emissions from welding operations has been determined to the use of flux core arc welding and submerged arc welding where possible. Compliance with the provisions of LAC 33:III Chapter 13 Subchapter F Abrasive Blasting is determined to be MACT for abrasive blasting operations. Good operating practices are determined to be MACT for metal cutting operations. MACT is determined to be compliance with the throughput limits set in LAC 33:III.2107 and this permit for truck loading operations. MACT for the emissions from the cleaning or venting of barges or vessels is determined to be controlling vapors from cargos by venting, flaring or routing through a series of thermal oxidizers depending on cargo type and vapor pressure.

Bollinger Calcasieu has determined that the following engines are non-road engines in the application dated April 21, 2005, the additional information February 12, 2008, and the letter dated March 18, 2009. Under Section 1068.31(e)(1), a non-road engine ceases to be a nonroad engine and becomes a stationary engine if, at any time, it meets the criteria specified in paragraph (2)(iii) in the definition of "nonroad engine" in Sec. 1068.30. For example, a portable generator engine ceases to be a nonroad engine if it is used or will be used in a single specific location for 12 months or longer.

ID:	Description
ARE006	5-02 – Portable Gasoline Welding Machine
EQT026	27-02 - Diesel Generator Engine
EQT027	29-02 - Diesel Oil Wash Pump
EQT032	02-04 - Diesel Fired Portable Welding Machine
EQT033	03-04 – Miscellaneous Diesel Engines
EQT058	4-07 – Yard Emergency Generator 2
EQT059	5-07 – Midstream Fueler Pump Engine
EQT060	6-07 – Miscellaneous Gasoline Engines

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Agency Interest No.: 2164  
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According to the paragraph (2)(iii) in the definition of "nonroad engine" in Section 1068.30, an internal combustion engine is not a nonroad engine if the engine ... remains or will remain at a location for more than 12 consecutive months or a shorter period of time for an engine located at a seasonal source. A location is any single site at a building, structure, facility, or installation. Any engine (or engines) that replaces an engine at a location and that is intended to perform the same or similar function as the engine replaced will be included in calculating the consecutive time period. An engine located at a seasonal source is an engine that remains at a seasonal source during the full annual operating period of the seasonal source. A seasonal source is a stationary source that remains in a single location on a permanent basis (i.e., at least two years) and that operates at that single location approximately three months (or more) each year. See §1068.31 for provisions that apply if the engine is removed from the location.

The majority of these engines currently do not trigger the requirements of NSPS Subpart IIII – Stationary Compression Ignition Internal Combustion Engines, NSPS Subpart JJJJ – Stationary Spark Ignition Internal Combustion Engines, or NESHAP Subpart ZZZZ—National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines because of the 'non-road' status, the size of the engine, or date of construction of the engine. However, if an engine ceases to be a non-road engine and becomes a stationary engine for the reasons described above, then the federal NSPS and NESHAP requirements may apply and Bollinger would then be required to apply for a permit modification. In addition, EPA has proposed on March 5, 2009, additional requirements under NESHAP ZZZZ for existing engines which are less than 500 hp located at major sources of HAPs.

#### **V. Credible Evidence**

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

#### **VI. Public Notice**

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, on <date>, 2009; and in the <local paper>, <local town>, on <date>, 2009. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental

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Services Public Notice Mailing List on <date>. The draft permit was also submitted to US EPA Region VI on <date>. All comments will be considered prior to the final permit decision.

**VII. Effects on Ambient Air**

Dispersion Model(s) Used: ISCST3

Pollutant	Time Period	Calculated Maximum Ground Level Concentration	Louisiana Toxic Air Pollutant Ambient Air Quality Standard or (National Ambient Air Quality Standard (NAAQS))
Benzene	Annual avg.	1.07 $\mu\text{g}/\text{m}^3$	12 $\mu\text{g}/\text{m}^3$
1-3-Butadiene	Annual avg.	0.056 $\mu\text{g}/\text{m}^3$	0.92 $\mu\text{g}/\text{m}^3$
Manganese	8-hour avg.	3.29 $\mu\text{g}/\text{m}^3$	4.76 $\mu\text{g}/\text{m}^3$
Hydrogen Chloride	8-hour avg.	27.41 $\mu\text{g}/\text{m}^3$	180 $\mu\text{g}/\text{m}^3$

**VIII. General Condition XVII Activities**

Work Activity	Schedule	Emission Rates - tons			
		PM <sub>10</sub>	SO <sub>2</sub>	NO <sub>x</sub>	CO
-	-	-	-	-	VOC

**IX. Insignificant Activities**

ID No.:	Description	Citation
9-64	Contractor Diesel Tank (1,600 gallons)	LAC 33:III.501.B.5.A.3
10-64	T-16 – Yard Diesel Tank (8,900 gallons)	LAC 33:III.501.B.5.A.3
6-93	Diesel Storage Tank (Boiler) (4,900 gallons)	LAC 33:III.501.B.5.A.3
7-02	Emergency Generator Diesel Tank (500 gallons)	LAC 33:III.501.B.5.A.3
12-02	Portable Diesel Tank (300 gallons)	LAC 33:III.501.B.5.A.3
13-02	Portable Slop Oil Tank (400 gallons)	LAC 33:III.501.B.5.A.3
19-02	Engine Oil Tank (Mechanic Shop) (500 gallons)	LAC 33:III.501.B.5.A.3
20-02	Hydraulic Oil Tank (Mechanic Shop) (500 gallons)	LAC 33:III.501.B.5.A.3
22-02	Air Compressor Condensate Tank (1,000 gallons)	LAC 33:III.501.B.5.A.3

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ID No.	Description	Citation
30-02	Diesel Oil Wash Tank (360 gallons)	LAC 33:III.501.B.5.A.3
8-07	Miscellaneous Diesel Tanks (250 gallons each)	LAC 33:III.501.B.5.A.2
-	55 gal Drum Storage (< 250 gallons)	LAC 33:III.501.B.5.A.2
-	Drum Cleaning Activities	LAC 33:III.501.B.5.A.7

## LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

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 Sulphur, Calcasieu Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III Chapter												40 CFR 60 NSPS			40 CFR 63 NESHPAP			
		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
UNF001	Bollinger Calcasieu	1	1	1	1						1	1	1				1	1	1	3
ARE002	3-64 - Painting Operations	1		1						1	1	1							1	1
ARE003	12-64 - Abrasive Blasting		1								1									1
ARE004	3-02 - Metal Cutting	1		1	3						1									
ARE005	4-02 - Welding	1									1									
ARE006	5-02 - Portable Gasoline Welding Machine	1		1	3													3		3
EQT004	4-64 - Hot Water Heater	1		1	2															
EQT006	8-64 - Used Oil Storage Tank, T-13					3												3	3	3
EQT008	11-64 - Flare		1	1	3						1									1
EQT009	5-93 - Truck Loading			3							1									1
EQT010	7-93 - Treated Water Storage Tank, W-1			3							1							3	3	2
EQT011	8-93 - Treated Water Storage Tank, W-2			3							1							3	3	2

## LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Bollinger Calcasieu LLC  
 Agency Interest No.: 2164  
 Bollinger Calcasieu LLC  
 Sulphur, Calcasieu Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III Chapter										40 CFR 60 NSPS										40 CFR 63 NESHPAP												
		5▲	5▼	6	11	13	15	209	2103	2107	2108	2109	2115	2123	2131	2151	31*	33*	36	39*	4A	4C	4D	4K	4K*	4III	4EE	4ZZZ	4HHHH	4S2	464	468		
EQT012	9-93 - Wash Water Surge Tank, S-1							3																										
EQT013	10-93 - Wash Water Surge Tank, S-2							3																										
EQT014	11-93 - Activated Sludge Tank, AR-1							3										1																
EQT015	12-93 - Activated Sludge Tank, AR-2							3										1																
EQT016	13-93 - Treated Water Storage Tank, W-3							3										1																
EQT017	14-93 - Treated Water Storage Tank, W-4							3										1																
EQT018	6-01 - Oily Water Tank 01							3										1																
EQT019	8-02 - Vacuum Receiver Tank, R-1							3										1																
EQT020	9-02 - Vacuum Receiver Tank, R-2							3										1																
EQT022	23-02 - Water Treatment Tank, WTT-1							3										2				1												
EQT023	24-02 - Water Treatment Tank, WTT-2							3										2				1												

## LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

**Bollinger Calcasieu LLC**  
**Agency Interest No.: 2164**  
**Bollinger Calcasieu LLC**  
**Sulphur, Calcasieu Parish, Louisiana**

**X. Table 1. Applicable Louisiana and Federal Air Quality Requirements**

ID No.:	Description	LAC 33: III. Chapter												40 CFR 60 NSPS			40 CFR 63 NESHAP			40 CFR			
		2	5	9	13	15	17	203	207	208	209	211	213	2151	31*	33*	36	39*	56	59*	64	68	
EQT024	25-02 - Water Clarifier I, C-1																						
EQT025	26-02 - Water Clarifier 2, C-2																						
EQT026	27-02 - Diesel Generator Engine																						
EQT027	29-02 - Diesel Oil Wash Pump																						
EQT031	01-04 - Midstream Fueler 5																						
EQT032	02-04 - Diesel Fired Portable Welding Machine																						
EQT033	03-04 - Miscellaneous Diesel Engines																						
EQT034	2B-64 - Oil Storage (T-1)																						
EQT035	2C-64 - Oil Storage (T-2)																						
EQT036	2D-64 - Oil Storage (T-3)																						
EQT037	2E-64 - Oil Storage (T-4)																						
EQT038	2F-64 - Oil Storage (T-5)																						
EQT039	2G-64 - Oil Storage (T-6)																						
EQT040	2H-64 - Oil Storage (T-7)																						
EQT041	2I-64 - Oil Storage (T-8)																						

## LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Bollinger Calcasieu LLC  
 Agency Interest No.: 2164  
 Bollinger Calcasieu LLC  
 Sulphur, Calcasieu Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.	Description	LAC 33:III:Chapter												40 CFR 60 NSPS				40 CFR 63 NESHAP				40 CFR			
		5▲	2	9	509	11	13	15	2103	2107	2108	2109	2111	2115	2123	2131	2151	51*	53*	56	59*	64	68		
EQT042	2J-64 – Chemical Storage (T-9)								1															1	
EQT043	2K-64 – Chemical Storage (T-10)								1															1	
EQT044	2L-64F – Chemical Tank (V-11F) Front Compartment								1															1	
EQT045	2L-64C – Chemical Tank (V-11F) Front Compartment								1															1	
EQT046	2L-64B – Chemical Tank (V-11F) Front Compartment								1															1	
EQT047	2M-64 – Chemical Tank (T-12)								1															1	
EQT048	2N-64F – Oil Tank (P-1)								3															1	
EQT049	2N-64B – Oil Tank (P-6)								3															1	
EQT050	2O-64F – Oil Tank (P-2)								3															1	
EQT051	2O-64B – Oil Tank (P-5)								3															1	
EQT052	2P-64F – Oil Tank (P-3)								3															1	
EQT053	2P-64B – Oil Tank (P-7)								3															1	
EQT054	2Q-64 – Oil Tank (P-4)								3															1	
EQT055	1-07 – Thermal Oxidizer # 1								1															1	

## LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Bollinger Calcasieu LLC  
 Agency Interest No.: 2164  
 Bollinger Calcasieu LLC  
 Sulphur, Calcasieu Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.	Description	LAC 33:III:Chapter												40 CFR 60 NSPS			40 CFR 63 NESHAP		
		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
EQT056	2-07 - Thermal Oxidizer #2	1		1	1	2													
EQT057	3-07 - Drydock Generator	1		1	1	3													1
EQT058	4-07 - Yard Emergency Generator 2	1		1	1	3													3
EQT059	5-07 - Midstream Fueler Pump Engine	1		1	1	3													3
EQT060	6-07 - Miscellaneous Gasoline Engines	1		1	1	3													3
EQT061	7-07 - Miscellaneous Gasoline Fuel Tanks				3														3
FUG001	FUG - Fugitive Emissions																		3
GRP002	VWT-CAP - Waste Water Treatment System																		1
GRP003	2-64 - Marine Vessel Tank Venting																		1
GRP004	Barge Cleaning Operations																		1

- The regulations indicated above are State Only regulations.
- ▲ All LAC 33:III Chapter 5 citations are federally enforceable including LAC 33:III:501.C.6 citations, except when the requirement found in the "Specific Requirements" report specifically states that the regulation is State Only.

**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Bollinger Calcasieu LLC**  
**Agency Interest No.: 2164**  
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**Sulphur, Calcasieu Parish, Louisiana**

**KEY TO MATRIX**

- 1** - The regulations have applicable requirements that apply to this particular emission source.  
- The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2** - The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3** - The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.  
Blank - The regulations clearly do not apply to this type of emission source.

## LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Bollinger Calcasieu LLC  
 Agency Interest No.: 2164  
 Bollinger Calcasieu LLC  
 Sulphur, Calcasieu Parish, Louisiana

**XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source**

ID No.	Requirement	Notes
UNF00	NESHAP Subpart HHHHHH – Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources [40 CFR 63.11170(b)]	DOES NOT APPLY. The Bollinger Calcasieu facility is not an area source of HAPs.
ARE004	Emissions Standards for Sulfur Dioxide [LAC 33:III.1502.A.3]	DOES NOT APPLY. The process of metal cutting emits less than 5 tons per year of SO <sub>2</sub> .
ARE006	Emissions Standards for Sulfur Dioxide [LAC 33:III.1502.A.3]  Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5105.B.3.a]	DOES NOT APPLY. The welding machine emits less than 5 tons per year of SO <sub>2</sub> .  EXEMPT. The welding machine combusts only Group I fossil fuels.
	NSPS Subpart IIIJ – Stationary Spark Ignition Internal Combustion Engines [40 CFR 60.4230(a)]	DOES NOT APPLY. Engine is a non-road engines per 40 CFR 1068.30. This engine will not remain at a single site at a building, structure, facility, or installation for more than 12 consecutive months. Any engine (or engines) that replaces an engine at a location and that is intended to perform the same or similar function as the engine replaced will be included in the consecutive time period.
	NESHAP Subpart ZZZZ – Stationary Reciprocating Internal Combustion Engines [40 CFR 63.6580]	DOES NOT APPLY. Engine is a non-road engines per 40 CFR 1068.30. This engine will not remain at a single site at a building, structure, facility, or installation for more than 12 consecutive months. Any engine (or engines) that replaces an engine at a location and that is intended to perform the same or similar function as the engine replaced will be included in the consecutive time period.
EQT004	Emissions Standards for Sulfur Dioxide [LAC 33:III.1503.C]	EXEMPT. Source emits and has the potential to emit less than 250 TPY of SO <sub>2</sub> .

**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Bollinger Calcasieu LLC**  
**Agency Interest No.: 2164**  
**Bollinger Calcasieu LLC**  
**Sulphur, Calcasieu Parish, Louisiana**

**XI. Table 2. Explanation Status or Non-Applicability of a Source**

ID No:	Requirement	Notes
EQT006	Control of Emission of Organic Compounds – Storage of Volatile Compounds [LAC 33:III.2103.A]	DOES NOT APPLY. The storage tank does not store any volatile organic compound with a vapor pressure greater than 1.5 psia.
	NSPS Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978 [40 CFR 60.110(a)]	DOES NOT APPLY. The storage tank capacity is less than 40,000 gallons.
	NSPS Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984 [40 CFR 60.110(a)]	DOES NOT APPLY. The storage tank capacity is less than 40,000 gallons.
	NSPS – Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 [40 CFR 60.110b(b)]	DOES NOT APPLY. The storage tank has not been reconstructed or modified after July 23, 1984.
EQT008	Emissions Standards for Sulfur Dioxide [LAC 33:III.1502.A.3]	DOES NOT APPLY. The flare emits less than 5 tons per year of SO <sub>2</sub> .
EQT009	[LAC 33:III.2107.A.1.a]	DOES NOT APPLY. The facility throughput is less than 20,000 gallons per day (averaged over a 30-day period).
EQT010, EQT011, EQT012, EQT013, EQT016, EQT017	Control of Emission of Organic Compounds – Storage of Volatile Compounds [LAC 33:III.2103.A]	DOES NOT APPLY. The storage tank does not store any volatile organic compound with a vapor pressure greater than 1.5 psia.
	NSPS Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978 [40 CFR 60.110(a)]	DOES NOT APPLY. Storage vessel does not store petroleum liquids.

## LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Bollinger Calcasieu LLC  
 Agency Interest No.: 2164  
 Bollinger Calcasieu LLC  
 Sulphur, Calcasieu Parish, Louisiana

XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No.	Requirement	Notes
EQT010, EQT011, EQT012, EQT013, EQT016, EQT017 (Continued)	NSPS Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984 [40 CFR 60.110(a)]	DOES NOT APPLY. Storage vessel does not store petroleum liquids.
	NSPS - Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 [40 CFR 60.110(b)(c)]	EXEMPT. Vessels with a capacity greater than or equal to 19,813 gallons ( $75 \text{ m}^3$ ) but less than 39,890 gallons ( $151 \text{ m}^3$ ) storing a liquid with a maximum true vapor pressure less than 2.17 psia (15.0 kPa) are exempt from NSPS Subpart Kb.
	NESHAP Subpart EEEE - Organic Liquids Distribution (Non-Gasoline) [40 CFR 63.2406 <i>Organic Liquids(3)(iv)</i> ]	DOES NOT APPLY. The definition of organic liquids under NESHAP Subpart EEEE does not include wastewater.
EQT014, EQT015	Control of Emission of Organic Compounds - Storage of Volatile Compounds [LAC 33:II.2103.A]	DOES NOT APPLY. The storage tank does not store any volatile organic compound with a vapor pressure greater than 1.5 psia.
	NSPS Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978 [40 CFR 60.110(a)]	DOES NOT APPLY. Storage vessel does not store petroleum liquids.
	NSPS Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984 [40 CFR 60.110(a)]	DOES NOT APPLY. Storage vessel does not store petroleum liquids.
	NSPS - Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 [40 CFR 60.110(b)(c)]	EXEMPT. Vessels with a capacity greater than or equal to 39,890 gallons ( $151 \text{ m}^3$ ) storing a liquid with a maximum true vapor pressure less than 0.51 psia (3.5 kPa) are exempt from NSPS Subpart Kb.
	NESHAP Subpart EEEE - Organic Liquids Distribution (Non-Gasoline) [40 CFR 63.2406 <i>Organic Liquids(3)(iv)</i> ]	DOES NOT APPLY. The definition of organic liquids under NESHAP Subpart EEEE does not include wastewater.

## LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Bollinger Calcasieu LLC  
 Agency Interest No.: 2164  
 Bollinger Calcasieu LLC  
 Sulphur, Calcasieu Parish, Louisiana

XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
EQT018	Control of Emission of Organic Compounds – Storage of Volatile Compounds [LAC 33:II.2103.A]  NSPS Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978 [40 CFR 60.110(a)]  NSPS Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984 [40 CFR 60.110(a)]  NSPS – Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 [40 CFR 60.110b(c)]	DOES NOT APPLY. The storage tank does not store any volatile organic compound with a vapor pressure greater than 1.5 psia.  DOES NOT APPLY. Storage vessel does not store petroleum liquids.  DOES NOT APPLY. Storage vessel does not store petroleum liquids.
EQT019, EQT020	Control of Emission of Organic Compounds – Storage of Volatile Compounds [LAC 33:II.2103.A]  NSPS Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978 [40 CFR 60.110(a)]  NSPS Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984 [40 CFR 60.110(a)]	EXEMPT. Vessels with a capacity greater than or equal to 39,890 gallons (151 m <sup>3</sup> ) storing a liquid with a maximum true vapor pressure less than 0.51 psia (3.5 kPa) are exempt from NSPS Subpart Kb.  DOES NOT APPLY. The Vacuum Receiver Tanks R-1 and R-2 serve as vacuum pumps and not as storage vessels.  DOES NOT APPLY. The Vacuum Receiver Tanks R-1 and R-2 serve as vacuum pumps and not as storage vessels.  DOES NOT APPLY. The Vacuum Receiver Tanks R-1 and R-2 serve as vacuum pumps and not as storage vessels.

## LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Bollinger Calcasieu LLC  
 Agency Interest No.: 2164  
 Bollinger Calcasieu LLC  
 Sulphur, Calcasieu Parish, Louisiana

XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
EQT019, EQT020 (Continued)	NSPS - Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 [40 CFR 60.110(b)]  NESHAP Subpart EEEE - Organic Liquids Distribution (Non-Gasoline) [40 CFR 63.2406 <i>Organic Liquids</i> (3)(iv)]  Control of Emission of Organic Compounds - Storage of Volatile Compounds [LAC 33:III.2.103.A] Control of Emissions of Volatile Compounds - Oil/Water Separation [LAC 33:III.2.109.B.3]	DOES NOT APPLY. The Vacuum Receiver Tanks R-1 and R-2 serve as vacuum pumps and not as storage vessels.
EQT022, EQT023	NSPS Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978 [40 CFR 60.110(a)]  NSPS Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984 [40 CFR 60.110(a)]	DOES NOT APPLY. The storage tank does not store any volatile organic compound with a vapor pressure greater than 1.5 psia. EXEMPT. Any materials being separated in the tanks have a true vapor pressure of less than 0.5 psia (3.4 kPa).
	NSPS - Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 [40 CFR 60.110(b)]  NESHAP Subpart EEEE - Organic Liquids Distribution (Non-Gasoline) [40 CFR 63.2346(b) & (d)]	DOES NOT APPLY. The water treatment tanks have capacities less than 10,566 gallons (40 m <sup>3</sup> ). DOES NOT APPLY. Tanks do not store an organic liquid as defined by NESHAP Subpart EEEE.

**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Bollinger Calcasieu LLC**  
 Agency Interest No.: 2164  
**Bollinger Calcasieu LLC**  
**Sulphur, Calcasieu Parish, Louisiana**

**XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source**

ID No:	Requirement	Notes
EQT024, EQT025	Control of Emission of Organic Compounds – Storage of Volatile Compounds [LAC 33:III.2103.A]	DOES NOT APPLY. The storage tank does not store any volatile organic compound with a vapor pressure greater than 1.5 psia.
	NSPS Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978 [40 CFR 60.110(a)]	DOES NOT APPLY. The storage tank does not store petroleum liquids.
	NSPS Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984 [40 CFR 60.110(a)]	DOES NOT APPLY. The storage tank does not store petroleum liquids.
	NSPS – Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 [40 CFR 60.110(b)]	DOES NOT APPLY. The water clarifiers have capacities less than 10,566 gallons (40 m <sup>3</sup> ).
	NESHAP Subpart EEEE - Organic Liquids Distribution (Non-Gasoline) [40 CFR 63.2346(a)]	DOES NOT APPLY. Water clarifiers have capacities less than 5,000 gallons.
EQT026	Emissions Standards for Sulfur Dioxide [LAC 33:III.1502.A.3]	DOES NOT APPLY. The diesel generator emits less than 5 tons per year of SO <sub>2</sub> .
	NSPS Subpart III – Stationary Compression Ignition Internal Combustion Engines [40 CFR 60.4200]	DOES NOT APPLY. Engine is a non-road engine per 40 CFR 1068.30. This engine will not remain at a single site at a building, structure, facility, or installation for more than 12 consecutive months. Any engine (or engines) that replaces an engine at a location and that is intended to perform the same or similar function as the engine replaced will be included in the consecutive time period.

## LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Bollinger Calcasieu LLC  
 Agency Interest No.: 2164  
 Bollinger Calcasieu LLC  
 Sulphur, Calcasieu Parish, Louisiana

XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
EQT026 (Continued)	NESHAP Subpart ZZZZ – Stationary Reciprocating Internal Combustion Engines [40 CFR 63.6580]	DOES NOT APPLY. Engine is a non-road engine per 40 CFR 1068.30. This engine will not remain at a single site at a building, structure, facility, or installation for more than 12 consecutive months. Any engine (or engines) that replaces an engine at a location and that is intended to perform the same or similar function as the engine replaced will be included in the consecutive time period.
EQT027	Emissions Standards for Sulfur Dioxide [LAC 33:III.1502.A.3]  NSPS Subpart IIII – Stationary Compression Ignition Internal Combustion Engines [40 CFR 60.4200(a)]	DOES NOT APPLY. The diesel pump emits less than 5 tons per year of SO <sub>2</sub> .  DOES NOT APPLY. Engines are non-road engines per 40 CFR 1068.30. These engines will not remain at a single site at a building, structure, facility, or installation for more than 12 consecutive months. Any engine (or engines) that replaces an engine at a location and that is intended to perform the same or similar function as the engine replaced will be included in the consecutive time period.
EQT031	NESHAP Subpart ZZZZ – Stationary Reciprocating Internal Combustion Engines [40 CFR 63.6580]	DOES NOT APPLY. Engines are non-road engines per 40 CFR 1068.30. These engines will not remain at a single site at a building, structure, facility, or installation for more than 12 consecutive months. Any engine (or engines) that replaces an engine at a location and that is intended to perform the same or similar function as the engine replaced will be included in the consecutive time period.
	Control of Emission of Organic Compounds – Storage of Volatile Compounds [LAC 33:III.2103.A]  NSPS Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978 [40 CFR 60.110(a)]	DOES NOT APPLY. The storage tank does not store any volatile organic compound with a vapor pressure greater than 1.5 psia.  DOES NOT APPLY. Storage vessel does not store petroleum liquids.

**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Bollinger Calcasieu LLC**  
**Agency Interest No.: 2164**  
**Bollinger Calcasieu LLC**  
**Sulphur, Calcasieu Parish, Louisiana**

**XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source**

ID No:	Requirement	Notes
EQT031 (Continued)	NSPS Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984 [40 CFR 60.110(a)(a)]	DOES NOT APPLY. Storage vessel does not store petroleum liquids.
	NSPS – Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 [40 CFR 60.110b(c)]	EXEMPT. Vessels with a capacity greater than or equal to 39,890 gallons (151 m <sup>3</sup> ) storing a liquid with a maximum true vapor pressure less than 0.51 psia (3.5 kPa) are exempt from NSPS Subpart Kb.
EQT032, EQT033	Emissions Standards for Sulfur Dioxide [LAC 33:III.1502.A.3] NSPS Subpart III – Stationary Compression Ignition Internal Combustion Engines [40 CFR 60.4200(a)]	DOES NOT APPLY. The welding machine emits less than 5 tons per year of SO <sub>2</sub> . DOES NOT APPLY. Engines are non-road engines per 40 CFR 1068.30. These engines will not remain at a single site at a building, structure, facility, or installation for more than 12 consecutive months. Any engine (or engines) that replaces an engine at a location and that is intended to perform the same or similar function as the engine replaced will be included in the consecutive time period.  DOES NOT APPLY. Engines are non-road engines per 40 CFR 1068.30. These engines will not remain at a single site at a building, structure, facility, or installation for more than 12 consecutive months. Any engine (or engines) that replaces an engine at a location and that is intended to perform the same or similar function as the engine replaced will be included in the consecutive time period.
	NESHAP Subpart ZZZZ – Stationary Reciprocating Internal Combustion Engines [40 CFR 63.6580]	

## LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Bollinger Calcasieu LLC  
 Agency Interest No.: 2164  
 Bollinger Calcasieu LLC  
 Sulphur, Calcasieu Parish, Louisiana

XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
EQT034, EQT035, EQT036, EQT037, EQT040, EQT041	Control of Emission of Organic Compounds – Storage of Volatile Compounds [LAC 33.III.2103.A]	DOES NOT APPLY. The storage tank does not store any volatile organic compound with a vapor pressure greater than 1.5 psia.
	NSPS Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978 [40 CFR 60.110(a)]	DOES NOT APPLY. The storage tank capacity is less than 40,000 gallons.
	NSPS Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984 [40 CFR 60.110(a)]	DOES NOT APPLY. The storage tank capacity is less than 40,000 gallons.
	NSPS – Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 [40 CFR 60.110b(b)]	DOES NOT APPLY. The storage tank has not been reconstructed or modified after July 23, 1984.
EQT038, EQT039	Control of Emission of Organic Compounds – Storage of Volatile Compounds [LAC 33.III.2103.A]	DOES NOT APPLY. The storage tank does not store any volatile organic compound with a vapor pressure greater than 1.5 psia.
	NSPS Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978 [40 CFR 60.110(a)]	DOES NOT APPLY. The storage tank capacity is less than 40,000 gallons.
	NSPS Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984 [40 CFR 60.110(a)]	DOES NOT APPLY. The storage tank capacity is less than 40,000 gallons.

## LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Bollinger Calcasieu LLC  
 Agency Interest No.: 2164  
**Bollinger Calcasieu LLC**  
**Sulphur, Calcasieu Parish, Louisiana**

**XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source**

ID No:	Requirement	Notes
EQT038, EQT039 (Continued)	NSPS - Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 [40 CFR 60.110b(b)]	DOES NOT APPLY. The storage tank has not been reconstructed or modified after July 23, 1984.
EQT042, EQT043, EQT044, EQT045, EQT046, EQT047	NSPS Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978 [40 CFR 60.110(a)]	DOES NOT APPLY. Storage vessel does not store petroleum liquids.
EQT048	NSPS Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984 [40 CFR 60.110(a)]	DOES NOT APPLY. Storage vessel does not store petroleum liquids.
	NSPS Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 [40 CFR 60.110b(b)]	EXEMPT. Storage vessels have a capacity less than 19,812 gallons and therefore not subject to recordkeeping requirements.
	Control of Emission of Organic Compounds - Storage of Volatile Compounds [LAC 33:III.2.103.A]	DOES NOT APPLY. The storage tank does not store any volatile organic compound with a vapor pressure greater than 1.5 psia.
	NSPS Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978 [40 CFR 60.110(a)]	DOES NOT APPLY. The storage tank capacity is less than 40,000 gallons.
	NSPS Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984 [40 CFR 60.110(a)]	DOES NOT APPLY. The storage tank capacity is less than 40,000 gallons.

**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Bollinger Calcasieu LLC**  
**Agency Interest No.: 2164**  
**Bollinger Calcasieu LLC**  
**Sulphur, Calcasieu Parish, Louisiana**

**XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source**

ID No:	Requirement	Notes
EQT048 (Continued)	NSPS Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 [40 CFR 60.110b(b)]	DOES NOT APPLY. The storage tank has not been reconstructed or modified after July 23, 1984.
EQT049, EQT050, EQT051, EQT052, EQT053, EQT054	Control of Emission of Organic Compounds - Storage of Volatile Compounds [LAC 33:III.2103.A]	DOES NOT APPLY. The storage tank does not store any volatile organic compound with a vapor pressure greater than 1.5 psia.
	NSPS Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978 [40 CFR 60.110(a)]	DOES NOT APPLY. The storage tank capacity is less than 40,000 gallons.
	NSPS Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984 [40 CFR 60.110a(a)]	DOES NOT APPLY. The storage tank capacity is less than 40,000 gallons.
	NSPS Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 [40 CFR 60.110b(b)]	DOES NOT APPLY. The storage tank has not been reconstructed or modified after July 23, 1984.
EQT055, EQT056	Emissions Standards for Sulfur Dioxide [LAC 33:III.1503.C]	EXEMPT. Thermal Oxidizers emit less than 250 tons per year.
EQT057	Emissions Standards for Sulfur Dioxide [LAC 33:III.1502.A.3]	DOES NOT APPLY. The drydock generator emits less than 5 tons per year of SO <sub>2</sub> .

**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Bollinger Calcasieu LLC**  
**Agency Interest No.: 2164**  
**Bollinger Calcasieu LLC**  
**Sulphur, Calcasieu Parish, Louisiana**

**XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source**

ID No:	Requirement	Notes
EQT058	Emissions Standards for Sulfur Dioxide [LAC 33:III.1502.A.3]  NSPS Subpart III – Stationary Compression Ignition Internal Combustion Engines [40 CFR 60.4200(a)]	DOES NOT APPLY. The emergency generator emits less than 5 tons per year of SO <sub>2</sub> .  DOES NOT APPLY. Engines are non-road engines per 40 CFR 1068.30. These engines will not remain at a single site at a building, structure, facility, or installation for more than 12 consecutive months. Any engine (or engines) that replaces an engine at a location and that is intended to perform the same or similar function as the engine replaced will be included in the consecutive time period.
	NESHAP Subpart ZZZZ – Stationary Reciprocating Internal Combustion Engines [40 CFR 63.6580]	DOES NOT APPLY. Engines are non-road engines per 40 CFR 1068.30. These engines will not remain at a single site at a building, structure, facility, or installation for more than 12 consecutive months. Any engine (or engines) that replaces an engine at a location and that is intended to perform the same or similar function as the engine replaced will be included in the consecutive time period.
EQT059	Emissions Standards for Sulfur Dioxide [LAC 33:III.1502.A.3]  NSPS Subpart III – Stationary Compression Ignition Internal Combustion Engines [40 CFR 60.4200(a)(3)]	DOES NOT APPLY. The pump engine emits less than 5 tons per year of SO <sub>2</sub> .  DOES NOT APPLY. The combustion engine was constructed prior to July 11, 2005.
	NESHAP Subpart ZZZZ – Stationary Reciprocating Internal Combustion Engines [40 CFR 63.6580]	DOES NOT APPLY. Engines are non-road engines per 40 CFR 1068.30. These engines will not remain at a single site at a building, structure, facility, or installation for more than 12 consecutive months. Any engine (or engines) that replaces an engine at a location and that is intended to perform the same or similar function as the engine replaced will be included in the consecutive time period.

## LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Bollinger Calcasieu LLC  
 Agency Interest No.: 2164  
 Bollinger Calcasieu LLC  
 Sulphur, Calcasieu Parish, Louisiana

XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
EQT060	Emissions Standards for Sulfur Dioxide [LAC 33:III.1502.A.3]  NSPS Subpart JJJ – Stationary Spark Ignition Internal Combustion Engines [40 CFR 60.4230(a)]	DOES NOT APPLY. The gasoline engine pump emits less than 5 tons per year of SO <sub>2</sub> .  DOES NOT APPLY. Engines are non-road engines per 40 CFR 1068.30. These engines will not remain at a single site at a building, structure, facility, or installation for more than 12 consecutive months. Any engine (or engines) that replaces an engine at a location and that is intended to perform the same or similar function as the engine replaced will be included in the consecutive time period.  Exemptions for rental engines are granted on the basis that the rental equipment is not subject to the New Source Performance Standard, 40 CFR 60 Subpart IIII or IIIJ. In accordance with 40 CFR 1068.31(e), a nonroad engine ceases to be a nonroad engine and becomes a stationary engine if it is used or will be used at this facility for 12 months or longer.
EQT061	NESHAP Subpart ZZZZ – Stationary Reciprocating Internal Combustion Engines [40 CFR 63.6580]	DOES NOT APPLY. Engines are non-road engines per 40 CFR 1068.30. These engines will not remain at a single site at a building, structure, facility, or installation for more than 12 consecutive months. Any engine (or engines) that replaces an engine at a location and that is intended to perform the same or similar function as the engine replaced will be included in the consecutive time period.
	Control of Emission of Organic Compounds – Storage of Volatile Compounds [LAC 33:III.2103.A]  Gasoline Handling – Filling of Gasoline Storage Vessels [LAC 33:III.2131.D.4]	DOES NOT APPLY. Gasoline tanks do not have capacities greater than 250 gallons.  EXEMPT. Gasoline tanks do not have capacities greater than 250 gallons.
	NSPS Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978 [40 CFR 60.110(a)]	DOES NOT APPLY. The capacity of the tank is less than 10,500 gallons.

**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Bollinger Calcasieu LLC**  
**Agency Interest No.: 2164**  
**Bollinger Calcasieu LLC**  
**Sulphur, Calcasieu Parish, Louisiana**

**XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source**

ID No:	Requirement	Notes
EQT061 (Continued)	NSPS Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984 [40 CFR 60.110a(a)]	DOES NOT APPLY. The capacity of the tank is less than 10,500 gallons.
	NSPS Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 [40 CFR 60.110b(a)]	DOES NOT APPLY. The capacity of the tank is less than 10,500 gallons.
FUG001	Control of Emission of Organic Compounds – Pumps and Compressors [LAC 33:III.2111]	DOES NOT APPLY. The VOCs handled by pumps and compressors have a true vapor pressure < 1.5 psia.
	NESHAP Subpart EEEE—Organic Liquids Distribution (Non-Gasoline) [40 CFR 63.2346(c)]	DOES NOT APPLY. The Calcasieu facility does not have at least one storage tank or transfer rack that meets the applicability criteria for control in Table 2 to this subpart.
GRP003	Emissions Standards for Sulfur Dioxide [LAC 33:III.1502.A.3]	DOES NOT APPLY. The common vent emits less than 5 tons per year of SO <sub>2</sub> .
	Control of Emission of Organic Compounds – Volatile Organic Compounds - Loading [LAC 33:III.2107.1.a]	EXEMPT. Bollinger Calcasieu loads less than 20,000 gallon/day of VOC with a vapor pressure greater than 1.5 psia on a 30 day rolling average.
	Control of Emission of Organic Compounds – Waste Gas Disposal [LAC 33:III.2115]	DOES NOT APPLY. The requirements of LAC 33:III.2115 do not apply if the source must comply with another Section of LAC 33:III Chapter 21. GRP003 must comply with LAC 33:III.2108.

The above table provides explanation for both the exemption status or non-applicability of a source cited by 1, 2 or 3 in the matrix presented in Section X (Table 1) of this permit.

General Information

AI ID: 2164 Bollinger Calcasieu LLC  
 Activity Number: PER20050003  
 Permit Number: 0520-00100-V1  
 Air - Title V Regular Permit Initial

Also Known As:	ID	Name	User Group	Start Date
	0520-00100	Bollinger Calcasieu LLC	CDS Number	07-18-2002
	72-0449902	Bollinger Calcasieu LLC	Federal Tax ID	03-23-2007
74-1483165		Federal Tax ID	Federal Tax ID	11-21-1999
LAD045761731		Bollinger Calcasieu LLC	Hazardous Waste Notification	10-18-2000
LA0062588		LPDES #	LPDES Permit #	05-22-2003
LAR05M714		LPDES #	LPDES Permit #	05-22-2003
WP0164		LWDPSS #	LWDPSS Permit #	06-25-2003
G-019-8586		Site Id #	Solid Waste Facility No.	11-21-1999
3038106001		Bollinger Calcasieu LLC	State ID No.	03-23-2007
120686		Fredeman Pit - Bollinger Calcasieu LLC	TEMPO Merge	04-21-2005
19625		Fredeman Shipyard Inc	TEMPO Merge	04-05-2001
26869		Calcasieu Shipyard	TEMPO Merge	04-05-2001
31741		Calcasieu/Marine	TEMPO Merge	04-08-2001
7855		Fredeman Shipyard Inc	TEMPO Merge	04-05-2001
70065MRNCL8086G		TRI #	Toxic Release Inventory	07-09-2004
14127		Waste Tires - ineligible bumper	Waste Tire Facility ID Number	03-23-2007
WQC 021024-03		Water Quality Certification #	Water Certification	12-05-2002
WQC 090212-07		Water Quality Certification #	Water Certification	03-09-2009
WQC JP 080213-01		Water Quality Certification #	Water Certification	03-05-2008
Physical Location:	8086 Global Dr (a portion of) Sulphur, LA 70665	Mailing Address:	Main FAX:	3375837160
Mailing Address:	8086 Global Dr Sulphur, LA 70665	Mailing Address:	Main Phone:	3375837383
Location of Front Gate:	30° 5' 49" 34 hundredths latitude, 93° 19' 51" 78 hundredths longitude, Coordinate Method: Lat\Long - DMS, Coordinate Datum: NAD83	Phone (Type)	Relationship	
Related People:	Name			
	Corey Blanchard	100 James Dr Ste 350 St. Rose, LA 70087	Haz. Waste Billing Party for	
	Dwayne Breaux	PO Box 250 Lockport, LA 703740250	Water Permit Contact For	
	Dwayne Breaux	PO Box 250 Lockport, LA 703740250	Water Billing Party for	
	Jodi Satches	PO Box 250 Lockport, LA 703740250	Emission Inventory Contact for	
	Jodi Satches	PO Box 250 Lockport, LA 703740250	Emission Inventory Contact for	
	Jodi Satches	PO Box 250 Lockport, LA 703740250	TEDI Contact for	

General Information

**AID: 2164 Bollinger Calcasieu LLC**  
**Activity Number: PER20050003**  
**Permit Number: 0520-00100-V1**  
**Air - Title V Regular Permit Initial**

Related People:	Name	Mailing Address	Phone (Type)	Relationship
	Jodi Satches Joe Spears Joey Tarasiewicz Larry Vauchin	PO Box 250 Lockport, LA 703740250 8086 Global Dr Sulphur, LA 70665 8086 Global Dr Sulphur, LA 70665 PO Box 250 Lockport, LA 703740250 PO Box 250 Lockport, LA 703740250	5044667705 (WP) 3375837383 (WP) 3375837383 (WP) larryv@bollngership: 9855322554 (WP)	TEDI Contact for Asbestos Contact for Waste Tires Contact for Responsible Official for Responsible Official for
Related Organizations:	Name	Address	Phone (Type)	Relationship
	Bollinger Calcasieu LLC Bollinger Shipyards Inc Bollinger Shipyards Inc	8086 Global Dr Sulphur, LA 70665 PO Box 250 Lockport, LA 703740250 PO Box 250 Lockport, LA 703740250	8086 Global Dr Sulphur, LA 70665 Owens Emission Inventory Billing Party	Air Billing Party for Owns Emission Inventory Billing Party

Note: This report entitled "General information" contains a summary of facility-level information contained in LDEC's TEMPO database for this facility and is not considered a part of the permit.  
 Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Mr. David Ferrand, Environmental Assistance Division, at (225) 219-0775 or email your changes to facupdate@la.gov.

INVENTORIES

**AI ID: 2164 - Bollinger Calcasieu LLC**  
**Activity Number: PER20050003**  
**Permit Number: 0520-00100-V1**  
**Air - Title V Regular Permit Initial**

Subject Item Inventory:	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Bollinger Calcasieu						
ARE 0002	3-64 - Painting Operations					3000 hr/yr
ARE 0003	12-64 - Abrasive Blasting					4000 hr/yr
ARE 0004	3-02 - Metal Cutting					5243 hr/yr
ARE 0005	4-02 - Welding					5243 hr/yr
ARE 0006	5-02 - Portable Gasoline Welding					120 hr/yr
EQT 0004	4-64 - Hot Water Heater					4500 hr/yr
EQT 0006	8-64 - Used Oil Storage Tank, T-13	10000 gallons				8760 hr/yr
EQT 0008	11-64 - Flare					728 hr/yr
EQT 0009	5-93 - Truck Loading					8760 hr/yr
EQT 0010	7-93 - Treated Water Storage Tank, W-1	30000 gallons				8760 hr/yr
EQT 0011	8-93 - Treated Water Storage Tank, W-2	30000 gallons				8760 hr/yr
EQT 0012	9-93 - Wash Water Surge Tank, S-1	30000 gallons				8760 hr/yr
EQT 0013	10-93 - Wash Water Surge Tank, S-2	30000 gallons				8760 hr/yr
EQT 0014	11-93 - Activated Sludge Tank, AR-1	133000 gallons				8760 hr/yr
EQT 0015	12-93 - Activated Sludge Tank, AR-2	147000 gallons				8760 hr/yr
EQT 0016	13-93 - Treated Water Storage Tank, W-3	30000 gallons				8760 hr/yr
EQT 0017	14-93 - Treated Water Storage Tank, W-4	30000 gallons				8760 hr/yr
EQT 0018	16-01 - Oily Water Tank 01	355000 gallons				8760 hr/yr
EQT 0019	8-02 - Vacuum Receiver Tank, R-1	10000 gallons				8760 hr/yr
EQT 0020	9-02 - Vacuum Receiver Tank, R-2	10000 gallons				8760 hr/yr
EQT 0022	23-02 - Water Treatment Tank, WTT-1	700 gallons				8760 hr/yr
EQT 0023	24-02 - Water Treatment Tank, WTT-2	1100 gallons				8760 hr/yr
EQT 0024	25-02 - Water Clarifier 1, C-1	1100 gallons				8760 hr/yr
EQT 0025	26-02 - Water Clarifier 2, C-2	1100 gallons				8760 hr/yr
EQT 0026	27-02 - Diesel Generator Engine					1043 hr/yr
EQT 0027	29-02 - Diesel Oil Wash Pump					480 hr/yr
EQT 0031	01-04 - Midstream Fuel: 5	314200 gallons				8760 hr/yr
EQT 0032	02-04 - Diesel Fired Portable Welding Machine		19 horsepower	19 horsepower		120 hr/yr
EQT 0033	03-04 - Miscellaneous Diesel Engines		5.77 MM BTU/hr	1.24 MM BTU/hr		8760 hr/yr
EQT 0034	08-64 - Oil Storage (T-1)					8760 hr/yr
EQT 0035	2C-64 - Oil Storage (T-2)	8000 gallons				8760 hr/yr
EQT 0036	2D-64 - Oil Storage (T-3)	8000 gallons				8760 hr/yr
EQT 0037	2E-64 - Oil Storage (T-4)	8000 gallons				8760 hr/yr
EQT 0038	2F-64 - Oil Storage (T-5)	10500 gallons				8760 hr/yr
EQT 0039	2G-64 - Oil Storage (T-6)	12000 gallons				8760 hr/yr
EQT 0040	2H-64 - Oil Storage (T-7)	9500 gallons				8760 hr/yr
EQT 0041	2I-64 - Oil Storage (T-8)	9500 gallons				8760 hr/yr
EQT 0042	2J-64 - Chemical Storage (T-9)	7800 gallons				8760 hr/yr
EQT 0043	2K-64 - Chemical Storage (T-10)	7800 gallons				8760 hr/yr

**INVENTORIES**

AI ID: 2164 - Bollinger Calcasieu LLC  
 Activity Number: PER20050003  
 Permit Number: 0520-00100-V1  
 Air - Title V Regular Permit Initial

**Subject Item Inventory:**

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
<b>Bollinger Calcasieu</b>						
EQT 0044	2L-64F - Chemical Storage (V-11F) Front Compartment	2000 gallons				8760 hr/yr
EQT 0045	2L-64C - Chemical Storage (V-11C) Center Compartment	1500 gallons				8760 hr/yr
EQT 0046	2L-64B - Chemical Storage (V-11B) Back Compartment	2000 gallons				8760 hr/yr
EQT 0047	2M-64 - Chemical Tank (T-12)	5500 gallons				8760 hr/yr
EQT 0048	2N-64F - Oil Tank (P-1)	3000 gallons				8760 hr/yr
EQT 0049	2N-64B - Oil Tank (P-6)	3000 gallons				8760 hr/yr
EQT 0050	2O-64F - Oil Tank (P-2)	3000 gallons				8760 hr/yr
EQT 0051	2O-64B - Oil Tank (P-5)	3000 gallons				8760 hr/yr
EQT 0052	2P-64F - Oil Tank (P-3)	3000 gallons				8760 hr/yr
EQT 0053	2P-64B - Oil Tank (P-7)	3000 gallons				8760 hr/yr
EQT 0054	2Q-64 - Oil Tank (P-4)	6000 gallons				8760 hr/yr
EQT 0055	1-07 - Thermal Oxidizer #1		48640.8 MM BTU/yr	36.26 MM BTU/hr		8760 hr/yr
EQT 0056	2-07 - Thermal Oxidizer #2		10469.8 MM BTU/yr	36.26 MM BTU/hr		8760 hr/yr
EQT 0057	3-07 - Drydock Generator		300 horsepower	300 horsepower		1460 hr/yr
EQT 0058	4-07 - Yard Emergency Generator 2		70 horsepower	70 horsepower		1440 hr/yr
EQT 0059	5-07 - Midstream Fueler Pump Engine		180 horsepower	180 horsepower		720 hr/yr
EQT 0060	6-07 - Miscellaneous Gasoline Engines		1.3 MM BTU/hr	.07 MM BTU/hr		8760 hr/yr
EQT 0061	7-07 - Miscellaneous Gasoline Fuel Tanks	250 gallons				8760 hr/yr
FUG 0001	FUG - Fugitive Emissions					8760 hr/yr

**Stack Information:**

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (°F)
<b>Bollinger Calcasieu</b>							
ARE 0002	3-64 - Painting Operations			3.28		3.28	
EQT 0004	4-64 - Hot Water Heater	15.5	2930	2		10	500
EQT 0006	8-64 - Used Oil Storage Tank, T-13			.25		24	
EQT 0008	11-64 - Flare			.5		40	1500
EQT 0009	5-93 - Truck Loading			3.28		12	
EQT 0010	7-93 - Treated Water Storage Tank, W-1			.17		18	
EQT 0011	8-93 - Treated Water Storage Tank, W-2			.17		18	
EQT 0012	9-93 - Wash Water Surge Tank, S-1			.17		18	
EQT 0013	10-93 - Wash Water Surge Tank, S-2			.17		18	
EQT 0014	11-93 - Activated Sludge Tank, AR-1			.5		10	
EQT 0015	12-93 - Activated Sludge Tank, AR-2			.5		10	
EQT 0016	13-93 - Treated Water Storage Tank, W-3			.17		18	

INVENTORIES

**AI ID:** 2164 - Bollinger Calcasieu LLC  
**Activity Number:** PER20050003  
**Permit Number:** 0520-00100-V1  
**Air - Title V Regular Permit Initial**

Stack Information:		Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (°F)
<b>Bollinger Calcasieu</b>								
EQT 0017	14-93 - Treated Water Storage Tank, W-4		.17				18	
EQT 0018	6-01 - Oily Water Tank 01		.25				24	
EQT 0022	23-02 - Water Treatment Tank, WTT-1		.5				10	
EQT 0023	24-02 - Water Treatment Tank, WTT-2		.5				10	
EQT 0024	25-02 - Water Clarifier 1, C-1						10	
EQT 0025	26-02 - Water Clarifier 2, C-2						10	
EQT 0026	27-02 - Diesel Generator Engine						15	
EQT 0027	29-02 - Diesel Oil Wash Pump						44	
EQT 0034	2B-64 - Oil Storage (T-1)						10	
EQT 0035	2C-64 - Oil Storage (T-2)						10	
EQT 0036	2D-64 - Oil Storage (T-3)						10	
EQT 0037	2E-64 - Oil Storage (T-4)						10	
EQT 0038	2F-64 - Oil Storage (T-5)						10	
EQT 0039	2G-64 - Oil Storage (T-6)						10	
EQT 0040	2H-64 - Oil Storage (T-7)						10	
EQT 0041	2I-64 - Oil Storage (T-8)						10	
EQT 0042	2J-64 - Chemical Storage (T-9)						10	
EQT 0043	2K-64 - Chemical Storage (T-10)						10	
EQT 0044	2L-64F - Chemical Storage (V-11F) Front Compartment						10	
EQT 0045	2L-64C - Chemical Storage (V-11C) Center Compartment						10	
EQT 0046	2L-64B - Chemical Storage (V-11B) Back Compartment						10	
EQT 0047	2M-64 - Chemical Tank (T-12)						8	
EQT 0048	2N-64F - Oil Tank (P-1)						32	
EQT 0049	2N-64B - Oil Tank (P-6)						32	
EQT 0050	2O-64F - Oil Tank (P-2)						32	
EQT 0051	2O-64B - Oil Tank (P-5)						32	
EQT 0052	2P-64F - Oil Tank (P-3)						32	
EQT 0053	2P-64B - Oil Tank (P-7)						32	
EQT 0054	2O-64 - Oil Tank (P-4)						32	
EQT 0055	1-07 - Thermal Oxidizer #1						50	1800
EQT 0056	2-07 - Thermal Oxidizer #2						50	180
EQT 0061	7-07 - Miscellaneous Gasoline Fuel Tanks						3.28	

INVENTORIES

AI ID: 2164 - Bollinger Calcasieu LLC  
 Activity Number: PER20050003  
 Permit Number: 0520-00100-V1  
 Air - Title V Regular Permit Initial

## Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
GRP 0003	2-64 - Marine Vessel and Tank Venting			3.28		10	

## Relationships:

ID	Description	Relationship	ID	Description
EQT 0006	8-64 - Used Oil Storage Tank, T-13	Vents to	GRP 003	2-64 - Marine Vessel and Tank Venting
EQT 0019	8-02 - Vacuum Receiver Tank, R-1	Vents to	GRP 003	2-64 - Marine Vessel and Tank Venting
EQT 0020	9-02 - Vacuum Receiver Tank, R-2	Vents to	GRP 003	2-64 - Marine Vessel and Tank Venting
EQT 0034	2B-64 - Oil Storage (T-1)	Vents to	GRP 003	2-64 - Marine Vessel and Tank Venting
EQT 0035	2C-64 - Oil Storage (T-2)	Vents to	GRP 003	2-64 - Marine Vessel and Tank Venting
EQT 0036	2D-64 - Oil Storage (T-3)	Vents to	GRP 003	2-64 - Marine Vessel and Tank Venting
EQT 0037	2E-64 - Oil Storage (T-4)	Vents to	GRP 003	2-64 - Marine Vessel and Tank Venting
EQT 0038	2F-64 - Oil Storage (T-5)	Vents to	GRP 003	2-64 - Marine Vessel and Tank Venting
EQT 0039	2G-64 - Oil Storage (T-6)	Vents to	GRP 003	2-64 - Marine Vessel and Tank Venting
EQT 0040	2H-64 - Oil Storage (T-7)	Vents to	GRP 003	2-64 - Marine Vessel and Tank Venting
EQT 0041	2I-64 - Oil Storage (T-8)	Vents to	GRP 003	2-64 - Marine Vessel and Tank Venting
EQT 0042	2J-64 - Chemical Storage (T-9)	Vents to	GRP 003	2-64 - Marine Vessel and Tank Venting
EQT 0043	2K-64 - Chemical Storage (T-10)	Vents to	GRP 003	2-64 - Marine Vessel and Tank Venting
EQT 0044	2L-64F - Chemical Storage (Y-11F) Front Compartment	Vents to	GRP 003	2-64 - Marine Vessel and Tank Venting
EQT 0046	2L-64B - Chemical Storage (Y-11B) Back Compartment	Vents to	GRP 003	2-64 - Marine Vessel and Tank Venting
EQT 0047	2M-64 - Chemical Tank (T-12)	Vents to	GRP 003	2-64 - Marine Vessel and Tank Venting
EQT 0048	2N-64F - Oil Tank (P-1)	Vents to	GRP 003	2-64 - Marine Vessel and Tank Venting
EQT 0049	2N-64B - Oil Tank (P-6)	Vents to	GRP 003	2-64 - Marine Vessel and Tank Venting
EQT 0050	2O-64F - Oil Tank (P-2)	Vents to	GRP 003	2-64 - Marine Vessel and Tank Venting
EQT 0051	2O-64B - Oil Tank (P-5)	Vents to	GRP 003	2-64 - Marine Vessel and Tank Venting
EQT 0052	2P-64F - Oil Tank (P-3)	Vents to	GRP 003	2-64 - Marine Vessel and Tank Venting
EQT 0053	2P-64B - Oil Tank (P-7)	Vents to	GRP 003	2-64 - Marine Vessel and Tank Venting
EQT 0054	2Q-64 - Oil Tank (P-4)	Vents to	GRP 003	2-64 - Marine Vessel and Tank Venting
EQT 0055	1-07 - Thermal Oxidizer #1	Vents to	GRP 003	2-64 - Marine Vessel and Tank Venting
EQT 0056	2-07 - Thermal Oxidizer #2	Vents to	GRP 003	2-64 - Marine Vessel and Tank Venting

## Subject Item Groups:

ID	Group Type	Group Description
CRG 0001	Common Requirements Group	TOX - Thermal Oxidizer Requirements
CRG 0002	Common Requirements Group	OST Group A - Oil Storage Tank Group A

INVENTORIES

AI ID: 2164 - Bollinger Calcasieu LLC  
 Activity Number: PER20050003  
 Permit Number: 0520-00100-Y1  
 Air - Title V Regular Permit Initial

## Subject Item Groups:

ID	Group Type	Group Description
CRG 0003	Common Requirements Group	CST - Chemical Storage Tanks
CRG 0004	Common Requirements Group	CST (V-11) - Chemical Storage Tanks (V-11)
CRG 0005	Common Requirements Group	OST Group B - Oil Storage Tanks Group B
GRP 0002	Equipment Group	WWT-CAP - WWT-CAP - Waste Water Treatment System
GRP 0003	Equipment Group	2-64 - Manne Vessel and Tank Venting
GRP 0004	Equipment Group	BCO - Barge Cleaning Operations
UNF 0001	Unit or Facility Wide	Bollinger-CAL - Bollinger Calcasieu

  

ID	Description	Member of Groups
EQT 0006	8-64 - Used Oil Storage Tank, F-13	GRP0000000003
EQT 0009	5-93 - Truck Loading	GRP0000000004
EQT 0010	7-93 - Treated Water Storage Tank, W-1	GRP0000000002
EQT 0011	8-93 - Treated Water Storage Tank, W-2	GRP0000000002
EQT 0012	9-93 - Wash Water Surge Tank, S-1	GRP0000000004
EQT 0013	10-93 - Wash Water Surge Tank, S-2	GRP0000000004
EQT 0014	11-93 - Activated Sludge Tank, AR-1	GRP0000000002
EQT 0015	12-93 - Activated Sludge Tank, AR-2	GRP0000000002
EQT 0016	13-93 - Treated Water Storage Tank, W-3	GRP0000000002
EQT 0017	14-93 - Treated Water Storage Tank, W-4	GRP0000000002
EQT 0018	6-01 - Oily Water Tank 01	GRP0000000004
EQT 0019	8-02 - Vacuum Receiver Tank, R-1	GRP0000000003
EQT 0020	9-02 - Vacuum Receiver Tank, R-2	GRP0000000003
EQT 0022	23-02 - Water Treatment Tank, WTT-1	GRP0000000004
EQT 0023	24-02 - Water Treatment Tank, WTT-2	GRP0000000004
EQT 0024	25-02 - Water Clarifier 1, C-1	GRP0000000002
EQT 0025	26-02 - Water Clarifier 2, C-2	GRP0000000002
EQT 0034	2B-64 - Oil Storage (T-1)	CRG0000000002, GRP0000000003
EQT 0035	2C-64 - Oil Storage (T-2)	CRG0000000002, GRP0000000003
EQT 0036	2D-64 - Oil Storage (T-3)	CRG0000000002, GRP0000000003
EQT 0037	2E-64 - Oil Storage (T-4)	CRG0000000002, GRP0000000003
EQT 0038	2F-64 - Oil Storage (T-5)	CRG0000000002, GRP0000000003
EQT 0039	2G-64 - Oil Storage (T-6)	CRG0000000002, GRP0000000003
EQT 0040	2H-64 - Oil Storage (T-7)	CRG0000000002, GRP0000000003
EQT 0041	2I-64 - Oil Storage (T-8)	CRG0000000002, GRP0000000003
EQT 0042	2J-64 - Chemical Storage (T-9)	CRG0000000003, GRP0000000003
EQT 0043	2K-64 - Chemical Storage (T-10)	CRG0000000003, GRP0000000003
EQT 0044	2L-64 F - Chemical Storage (V-11F) Front Compartment	CRG0000000004, GRP0000000003
EQT 0045	2L-64 C - Chemical Storage (V-11C) Center Compartment	CRG0000000004, GRP0000000003

**INVENTORIES**

AI ID: 2164 - Bollinger Calcasieu LLC  
 Activity Number: PER2005003  
 Permit Number: 0520-00100-V1  
 Air - Title V Regular Permit Initial

**Group Membership:**

ID	Description	Member of Groups
EQT 0046	2L-64B - Chemical Storage (V-11B) Back Compartment	CRG0000000004, GRP0000000003
EQT 0047	2M-64 - Chemical Tank (T-12)	CRG0000000003, GRP0000000003
EQT 0048	2N-64F - Oil Tank (P-1)	CRG0000000005, GRP0000000003
EQT 0049	2N-64B - Oil Tank (P-6)	CRG0000000005, GRP0000000003
EQT 0050	2O-64F - Oil Tank (P-2)	CRG0000000005, GRP0000000003
EQT 0051	2O-64B - Oil Tank (P-5)	CRG0000000005, GRP0000000003
EQT 0052	2P-64F - Oil Tank (P-3)	CRG0000000005, GRP0000000003
EQT 0053	2P-64 - Oil Tank (P-7)	CRG0000000005, GRP0000000003
EQT 0054	2Q-64 - Oil Tank (P-4)	CRG0000000002, GRP0000000003
EQT 0055	1-07 - Thermal Oxidizer #1	CRG0000000001, GRP0000000003
EQT 0056	2-07 - Thermal Oxidizer #2	CRG0000000001, GRP0000000003
FUG 0001	FUG - Fugitive Emissions	GRP0000000004
GRP 0002	WWTP-CAP - WWTP-CAP - Waste Water Treatment System	GRP0000000004
GRP 0003	2-64 - Marine Vessel and Tank Venting	GRP0000000004

**NOTE: The UNF group relationship is not printed in this table. Every subject item is a member of the UNF group**

**Annual Maintenance Fee:**

Fee Number	Air Contaminant Source	Multplier	Units Of Measure
1290	1290 Ship and Boat Building; E) 200 or Less Employees		

**SIC Codes:**

3732	Boat building and repairing	AI 2164
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**EMISSION RATES FOR CRITERIA POLLUTANTS**

AI ID: 2164 - Bollinger Calcasieu LLC  
 Activity Number: PER20050003  
 Permit Number: 0520-00100-V1  
 Air - Title V Regular Permit Initial

Subject Item	CO			NOx			PM10			SO2			VOC			
	Avg lb/hr	Max lb/hr	Tons/Year													
Bollinger Calcasieu																
ARE 0002 3-64							5.08	5.08	7.62					22.51	22.51	33.76
ARE 0003 12-64							2.80	2.80	5.60							
ARE 0004 3-02	0.01	0.04	0.10	0.10	0.27	1.23	1.23	3.23	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
ARE 0005 4-02							0.59	3.39	1.56							
ARE 0006 5-02	20.38	20.38	1.22	0.53	0.53	0.03	0.03	<0.01	0.03	0.03	<0.01	0.98	0.98	0.06		
EQT 0004 4-64	0.30	0.30	0.68	1.20	1.20	2.70	0.20	0.20	0.45	3.41	3.41	7.67	0.01	0.01	0.03	
EQT 0008 11-64	90.25	452.63	32.85	16.59	83.19	6.04	0.67	1.35	0.10	0.06	0.32	0.02	13.19	77.07	5.59	
EQT 0009 5-93													0.85	43.29	3.73	
EQT 0012 9-93													0.03	74.94	0.13	
EQT 0013 10-93													0.03	74.94	0.13	
EQT 0018 6-01													<0.01	11.64	<0.01	
EQT 0022 23-02													<0.01	2.95	0.01	
EQT 0023 24-02													<0.01	4.69	0.02	
EQT 0026 27-02	3.26	3.26	1.70	12.28	12.28	6.40	0.38	0.38	0.20	1.55	1.55	0.81	0.31	0.31	0.16	
EQT 0027 29-02	0.91	0.91	0.22	4.23	4.23	1.02	0.30	0.30	0.07	0.28	0.28	0.07	0.35	0.35	0.08	
EQT 0031 01-04													<0.01	<0.01	<0.01	
EQT 0032 02-04	0.33	0.33	0.02	1.51	1.51	0.09	0.11	0.11	<0.01	0.10	0.10	<0.01	0.12	0.12	<0.01	
EQT 0033 03-04	1.17	5.48	5.14	5.45	25.44	23.87	0.38	1.79	1.68	0.36	1.67	1.57	0.44	2.08	1.95	
EQT 0057 1-07	1.04	2.00	0.76	4.83	9.26	3.53	0.34	0.65	0.25	0.32	0.61	0.23	0.39	0.76	0.29	
EQT 0058 4-07	0.33	0.47	0.23	1.51	2.16	1.09	0.11	0.15	0.08	0.10	0.14	0.07	0.12	0.18	0.09	
EQT 0059 5-07	0.59	1.20	0.21	2.72	5.56	0.98	0.19	0.39	0.07	0.18	0.37	0.06	0.22	0.45	0.08	
EQT 0060 6-07	4.69	81.51	20.54	0.12	2.12	0.53	0.01	0.13	0.03	0.01	0.11	0.03	0.16	2.73	0.69	
EQT 0061 7-07													0.02	4.17	0.09	

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 2164 - Bollinger Calcasieu LLC  
 Activity Number: PER20050003  
 Permit Number: 0520-00100-V1  
 Air - Title V Regular Permit Initial

Subject Item	CO			NOx			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year												
Bollinger Calcasieu															
FUG 0001													2.46	12.09	18.58
FUG-															
GRP 0002													0.68	0.68	2.97
WWT-CAP															
GRP 0003	0.56	5.97	2.43	1.40	15.06	6.14	0.05	0.54	0.22	<0.01	0.04	0.02	14.28	607.39	62.54
2-64															

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

**EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS**

AI ID: 2164 - Bollinger Calcasieu LLC

Activity Number: PER20050003

Permit Number: 0520-00100-V1

Air - Title V Regular Permit Initial

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0008 11-64	1,3-Butadiene	1.923	23.056	0.700
	Propylene oxide	0.25	9.07	0.09
EQT 0031 01-04	Benzene	<0.01	<0.01	<0.01
	Ethyl benzene	<0.01	<0.01	<0.01
	Naphthalene	<0.01	<0.01	<0.01
	Polynuclear Aromatic Hydrocarbons	<0.01	<0.01	<0.01
EQT 0081 7-07	Benzene	<0.01	0.04	<0.01
	Cumene	<0.01	<0.01	<0.01
	Ethyl benzene	<0.01	<0.01	<0.01
	Methyl Tertiary Butyl Ether	<0.01	0.59	0.01
	Naphthalene	<0.01	<0.01	<0.01
	Polynuclear Aromatic Hydrocarbons	<0.01	<0.01	<0.01
	Styrene	<0.01	<0.01	<0.01
	Toluene	<0.01	0.06	<0.01
	Xylene (mixed isomers)	<0.01	0.02	<0.01
	n-Hexane	<0.01	0.10	<0.01
GRP 0002 WWT-CAP	Ammonia	0.77	0.77	3.38
UNF 0001 Bollinger-CAL	1,1,1-Trichloroethane			1.08
	1,1,2,2-Tetrachloroethane			0.002
	1,2-Dichloroethane			1.091
	1,3-Butadiene			0.93
	2,2,4-Trimethylpentane			<0.01
	4,4'-Methylenebisbenzeneamine			0.01
	Acetaldehyde			0.12
	Acrylonitrile			0.23
	Ammonia			3.61
	Arsenic (and compounds)			<0.01
	Barium (and compounds)			0.04
	Benzene			0.77
	Chlorine			<0.01
	Chlorobenzene			0.04
	Chromium VI (and compounds)			<0.009
	Cobalt compounds			<0.01

**EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS**

AI ID: 2164 - Bollinger Calcasieu LLC

Activity Number: PER20050003

Permit Number: 0520-00100-V1

Air - Title V Regular Permit Initial

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
UNF 0001 Bollinger-CAL	Copper (and compounds)			0.258
	Cresol			0.02
	Cumene			0.99
	Dibutyl phthalate			<0.01
	Epichlorohydrin			0.01
	Ethyl Acrylate			0.07
	Ethyl benzene			1.75
	Ethylene glycol			0.17
	Ethylene oxide			<0.01
	Formaldehyde			0.01
	Glycol ethers (Table 51.1)			0.20
	Hydrochloric acid			1.03
	Hydrogen sulfide			0.10
	Hydroquinone			0.004
	Lead compounds			<0.01
	Manganese (and compounds)			0.06
	Methanol			0.57
	Methyl Tertiary Butyl Ether			0.26
	Methyl ethyl ketone			0.07
	Methyl isobutyl ketone			0.32
	Methyl methacrylate			1.89
	Naphthalene			0.01
	Nickel (and compounds)			0.01
	Phenol			0.01
	Polynuclear Aromatic Hydrocarbons			0.04
	Propylene oxide			0.09
	Styrene			0.57
	Tetrachloroethylene			0.63
	Toluene			2.07
	Trichloroethylene			0.66
	Vinyl acetate			0.13
	Xylene (mixed isomers)			5.24
	Zinc (and compounds)			0.02

**EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS**

AI ID: 2164 - Bollinger Calcasieu LLC  
 Activity Number: PER20050003  
 Permit Number: 0520-00100-V1  
 Air - Title V Regular Permit Initial

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
UNF 0001 Bolinger-CAL	bis(2-ethylhexyl)phthalate			0.05
	n-Hexane			0.89
	n-butyl alcohol			4.49

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote. Emission rates attributed to the UNF reflect the sum of the TAP/HAP limits of the individual emission points (or caps) under this permit, but do not constitute an emission cap.

**SPECIFIC REQUIREMENTS**

AI ID: 2164 - Bollinger Calcasieu LLC  
 Activity Number: PER20050003  
 Permit Number: 0520-00100-V1  
 Air - Title V Regular Permit Initial

**ARE 0002 3-64 - Painting Operations**

- 1 [40 CFR 63.783(a)] Organic zinc coating: VOHAP  $\leq 802 \text{ g/l}$  solids, when  $t < 4.5$  degrees C. Subpart II. [40 CFR 63.783(a)]  
Which Months: All Year Statistical Basis: None specified
- 2 [40 CFR 63.783(a)] Rubber camouflage coating: VOHAP  $\leq 340 \text{ g/l}$  coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]  
Which Months: All Year Statistical Basis: None specified
- 3 [40 CFR 63.783(a)] Antifouulant coating: VOHAP  $\leq 765 \text{ g/l}$  solids, when  $t \geq 4.5$  degrees C. Subpart II. [40 CFR 63.783(a)]  
Which Months: All Year Statistical Basis: None specified
- 4 [40 CFR 63.783(a)] Organic zinc coating: VOHAP  $\leq 630 \text{ g/l}$  solids, when  $t \geq 4.5$  degrees C. Subpart II. [40 CFR 63.783(a)]  
Which Months: All Year Statistical Basis: None specified
- 5 [40 CFR 63.783(a)] High-temperature coating: VOHAP  $\leq 1597 \text{ g/l}$  solids; when  $t < 4.5$  degrees C. Subpart II. [40 CFR 63.783(a)]  
Which Months: All Year Statistical Basis: None specified
- 6 [40 CFR 63.783(a)] Weld-through precon. primer coating: VOHAP  $\leq 650 \text{ g/l}$  coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]  
Which Months: All Year Statistical Basis: None specified
- 7 [40 CFR 63.783(a)] Nonskid coating: VOHAP  $\leq 571 \text{ g/l}$  solids, when  $t \geq 4.5$  degrees C. Subpart II. [40 CFR 63.783(a)]  
Which Months: All Year Statistical Basis: None specified
- 8 [40 CFR 63.783(a)] Rubber camouflage coating: VOHAP  $\leq 728 \text{ g/l}$  solids, when  $t < 4.5$  degrees C. Subpart II. [40 CFR 63.783(a)]  
Which Months: All Year Statistical Basis: None specified
- 9 [40 CFR 63.783(a)] Sealant for thermal spray aluminum coating: VOHAP  $\leq 610 \text{ g/l}$  coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]  
Which Months: All Year Statistical Basis: None specified
- 10 [40 CFR 63.783(a)] Military exterior coating: VOHAP  $\leq 340 \text{ g/l}$  coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]  
Which Months: All Year Statistical Basis: None specified
- 11 [40 CFR 63.783(a)] General use coating: VOHAP  $\leq 728 \text{ g/l}$  solids, when  $t < 4.5$  degrees C. Subpart II. [40 CFR 63.783(a)]  
Which Months: All Year Statistical Basis: None specified
- 12 [40 CFR 63.783(a)] Antenna coating: VOHAP  $\leq 1439 \text{ g/l}$  solids, when  $t \geq 4.5$  degrees C. Subpart II. [40 CFR 63.783(a)]  
Which Months: All Year Statistical Basis: None specified
- 13 [40 CFR 63.783(a)] Weld-through precon. primer coating: VOHAP  $\leq 2885 \text{ g/l}$  solids, when  $t \geq 4.5$  degrees C. Subpart III. [40 CFR 63.783(a)]  
Which Months: All Year Statistical Basis: None specified
- 14 [40 CFR 63.783(a)] Heat resistant coating: VOHAP  $\leq 1069 \text{ g/l}$  solids, when  $t < 4.5$  degrees C. Subpart II. [40 CFR 63.783(a)]  
Which Months: All Year Statistical Basis: None specified
- 15 [40 CFR 63.783(a)] General use coating: VOHAP  $\leq 571 \text{ g/l}$  solids, when  $t \geq 4.5$  degrees C. Subpart II. [40 CFR 63.783(a)]  
Which Months: All Year Statistical Basis: None specified
- 16 [40 CFR 63.783(a)] Mist coating: VOHAP  $\leq 2235 \text{ g/l}$  solids, when  $t \geq 4.5$  degrees C. Subpart II. [40 CFR 63.783(a)]  
Which Months: All Year Statistical Basis: None specified
- 17 [40 CFR 63.783(a)] Tack coat: VOHAP  $\leq 2235 \text{ g/l}$  solids, when  $t \geq 4.5$  degrees C. Subpart II. [40 CFR 63.783(a)]  
Which Months: All Year Statistical Basis: None specified
- 18 [40 CFR 63.783(a)] Air flask coating: VOHAP  $\leq 571 \text{ g/l}$  solids, when  $t \geq 4.5$  degrees C. Subpart II. [40 CFR 63.783(a)]  
Which Months: All Year Statistical Basis: None specified
- 19 [40 CFR 63.783(a)] Military exterior coating: VOHAP  $\leq 571 \text{ g/l}$  solids, when  $t \geq 4.5$  degrees C. Subpart II. [40 CFR 63.783(a)]  
Which Months: All Year Statistical Basis: None specified

**SPECIFIC REQUIREMENTS**

AI ID: 2164 - Bollinger Calcasieu LLC  
 Activity Number: PER20050003  
 Permit Number: 0520-00100-V1  
 Air - Title V Regular Permit Initial

**ARE 0002 3-64 - Painting Operations**

- 20 [40 CFR 63.783(a)] Undersea weapons systems coating: VOHAP  $\leq$  571 g/l solids, when  $t \geq 4.5$  degrees C. Subpart II. [40 CFR 63.783(a)]  
 Which Months: All Year Statistical Basis: None specified
- 21 [40 CFR 63.783(a)] High-gloss coating: VOHAP  $\leq$  841 g/l solids, when  $t \geq 4.5$  degrees C. Subpart II. [40 CFR 63.783(a)]
- 22 [40 CFR 63.783(a)] Which Months: All Year Statistical Basis: None specified
- 23 [40 CFR 63.783(a)] Antifouulant coating: VOHAP  $\leq$  971 g/l solids, when  $t < 4.5$  degrees C. Subpart II. [40 CFR 63.783(a)]
- 24 [40 CFR 63.783(a)] Which Months: All Year Statistical Basis: None specified
- 25 [40 CFR 63.783(a)] Inorganic zinc high-build coating: VOHAP  $\leq$  728 g/l solids, when  $t < 4.5$  degrees C. Subpart II. [40 CFR 63.783(a)]
- 26 [40 CFR 63.783(a)] Which Months: All Year Statistical Basis: None specified
- 27 [40 CFR 63.783(a)] Special marking coating: VOHAP  $\leq$  490 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
- 28 [40 CFR 63.783(a)] Which Months: All Year Statistical Basis: None specified
- 29 [40 CFR 63.783(a)] Undersea weapons systems coating: VOHAP  $\leq$  340 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
- 30 [40 CFR 63.783(a)] Which Months: All Year Statistical Basis: None specified
- 31 [40 CFR 63.783(a)] Inorganic zinc high-build coating: VOHAP  $\leq$  340 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
- 32 [40 CFR 63.783(a)] Which Months: All Year Statistical Basis: None specified
- 33 [40 CFR 63.783(a)] High-temperature coating: VOHAP  $\leq$  500 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
- 34 [40 CFR 63.783(a)] Which Months: All Year Statistical Basis: None specified
- 35 [40 CFR 63.783(a)] Specialty interior coating: VOHAP  $\leq$  571 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
- 36 [40 CFR 63.783(a)] Which Months: All Year Statistical Basis: None specified
- 37 [40 CFR 63.783(a)] Undersea weapons systems coating: VOHAP  $\leq$  728 g/l solids, when  $t < 4.5$  degrees C. Subpart II. [40 CFR 63.783(a)]
- 38 [40 CFR 63.783(a)] Which Months: All Year Statistical Basis: None specified
- 39 [40 CFR 63.783(a)] Heat resistant coating: VOHAP  $\leq$  841 g/l solids, when  $t \geq 4.5$  degrees C. Subpart II. [40 CFR 63.783(a)]
- 40 [40 CFR 63.783(a)] Which Months: All Year Statistical Basis: None specified
- 41 [40 CFR 63.783(a)] Military exterior coating: VOHAP  $\leq$  728 g/l solids, when  $t < 4.5$  degrees C. Subpart II. [40 CFR 63.783(a)]
- 42 [40 CFR 63.783(a)] Which Months: All Year Statistical Basis: None specified
- 43 [40 CFR 63.783(a)] High-gloss coating: VOHAP  $\leq$  420 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
- 44 [40 CFR 63.783(a)] Which Months: All Year Statistical Basis: None specified
- 45 [40 CFR 63.783(a)] Air flask coating: VOHAP  $\leq$  340 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
- 46 [40 CFR 63.783(a)] Which Months: All Year Statistical Basis: None specified
- 47 [40 CFR 63.783(a)] Air flask coating: VOHAP  $\leq$  728 g/l solids, when  $t < 4.5$  degrees C. Subpart II. [40 CFR 63.783(a)]
- 48 [40 CFR 63.783(a)] Which Months: All Year Statistical Basis: None specified

**SPECIFIC REQUIREMENTS**

AI ID: 2164 - Bollinger Calcasieu LLC  
 Activity Number: PER20050003  
 Permit Number: 0520-00100-V1  
 Air - Title V Regular Permit Initial

**ARE 0002 3-64 - Painting Operations**

- 39 [40 CFR 63.783(a)] Antenna coating: VOHAP  $\leq$  530 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]  
 Which Months: All Year Statistical Basis: None specified  
 Navigational aids coating: VOHAP  $\leq$  550 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]  
 Which Months: All Year Statistical Basis: None specified
- 40 [40 CFR 63.783(a)] Nuclear coating: VOHAP  $\leq$  841 g/l solids, when  $t \geq 4.5$  degrees C. Subpart II. [40 CFR 63.783(a)]  
 Which Months: All Year Statistical Basis: None specified  
 Navigational aids coating: VOHAP  $\leq$  1597 g/l solids, when  $t \geq 4.5$  degrees C. Subpart II. [40 CFR 63.783(a)]  
 Which Months: All Year Statistical Basis: None specified
- 41 [40 CFR 63.783(a)] Tack coat: VOHAP  $\leq$  610 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]  
 Which Months: All Year Statistical Basis: None specified
- 42 [40 CFR 63.783(a)] Inorganic zinc high-build coating: VOHAP  $\leq$  571 g/l solids, when  $t \geq 4.5$  degrees C. Subpart II. [40 CFR 63.783(a)]  
 Which Months: All Year Statistical Basis: None specified
- 43 [40 CFR 63.783(a)] Rubber camouflage coating: VOHAP  $\leq$  571 g/l solids, when  $t \geq 4.5$  degrees C. Subpart II. [40 CFR 63.783(a)]  
 Which Months: All Year Statistical Basis: None specified
- 44 [40 CFR 63.783(a)] Organic zinc coating: VOHAP  $\leq$  360 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]  
 Which Months: All Year Statistical Basis: None specified
- 45 [40 CFR 63.783(a)] Specialty interior coating: VOHAP  $\leq$  340 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]  
 Which Months: All Year Statistical Basis: None specified
- 46 [40 CFR 63.783(a)] Pretreatment wash primer coating: VOHAP  $\leq$  780 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]  
 Which Months: All Year Statistical Basis: None specified
- 47 [40 CFR 63.783(a)] High-gloss coating: VOHAP  $\leq$  1069 g/l solids, when  $t < 4.5$  degrees C. Subpart II. [40 CFR 63.783(a)]  
 Which Months: All Year Statistical Basis: None specified
- 48 [40 CFR 63.783(a)] Repair and maintenance of thermoplastics coating: VOHAP  $\leq$  1597 g/l solids, when  $t \geq 4.5$  degrees C. Subpart II. [40 CFR 63.783(a)]  
 Which Months: All Year Statistical Basis: None specified
- 49 [40 CFR 63.783(a)] Sealant for thermal spray aluminum coating: VOHAP  $\leq$  2235 g/l solids, when  $t \geq 4.5$  degrees C. Subpart II. [40 CFR 63.783(a)]  
 Which Months: All Year Statistical Basis: None specified
- 50 [40 CFR 63.783(a)] Repair and maintenance of thermoplastics coating: VOHAP  $\leq$  550 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]  
 Which Months: All Year Statistical Basis: None specified
- 51 [40 CFR 63.783(a)] Heat resistant coating: VOHAP  $\leq$  420 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]  
 Which Months: All Year Statistical Basis: None specified
- 52 [40 CFR 63.783(a)] Nuclear coating: VOHAP  $\leq$  420 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]  
 Which Months: All Year Statistical Basis: None specified
- 53 [40 CFR 63.783(a)] Mist coating: VOHAP  $\leq$  610 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]  
 Which Months: All Year Statistical Basis: None specified
- 54 [40 CFR 63.783(a)] Specialty interior coating: VOHAP  $\leq$  728 g/l solids, when  $t < 4.5$  degrees C. Subpart II. [40 CFR 63.783(a)]  
 Which Months: All Year Statistical Basis: None specified
- 55 [40 CFR 63.783(a)]
- 56 [40 CFR 63.783(a)]

**SPECIFIC REQUIREMENTS**

AI ID: 2164 - Bollinger Calcasieu LLC  
 Activity Number: PER20050003  
 Permit Number: 0520-00100-V1  
 Air - Title V Regular Permit Initial

**ARE 0002 3-64 - Painting Operations**

- 57 [40 CFR 63.783(a)] Nonskid coating: VOHAP <= 728 g/l solids, when  $t < 4.5$  degrees C. Subpart II. [40 CFR 63.783(a)].  
 Which Months: All Year Statistical Basis: None specified
- 58 [40 CFR 63.783(a)] General use coating: VOHAP <= 340 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
- 59 [40 CFR 63.783(a)] Which Months: All Year Statistical Basis: None specified  
 Pretreatment wash primer coating: VOHAP <= 11095 g/l solids, when  $t \geq 4.5$  degrees C. Subpart II. [40 CFR 63.783(a)]
- 60 [40 CFR 63.783(a)] Which Months: All Year Statistical Basis: None specified  
 Nuclear coating: VOHAP <= 1069 g/l solids, when  $t < 4.5$  degrees C. Subpart II. [40 CFR 63.783(a)]
- 61 [40 CFR 63.783(b)(1)] Which Months: All Year Statistical Basis: None specified  
 Ensure that all handling and transfer of VOHAP-containing materials to and from containers, tanks, vats, drums, and piping systems is conducted in a manner that minimizes spills. Subpart II. [40 CFR 63.783(b)(1)]
- 62 [40 CFR 63.783(b)(2)] Ensure that all containers, tanks, vats, drums, and piping systems are free of cracks, holes, and other defects and remain closed unless materials are being added to or removed from them. Subpart II. [40 CFR 63.783(b)(2)]
- 63 [40 CFR 63.785(a)(1)] Determine the coating category and the applicable VOHAP limit as specified in 40 CFR 63.783(a), for each batch of coating received. Subpart II. [40 CFR 63.785(a)(1)]
- 64 [40 CFR 63.785(a)(2)] Certify the as-supplied VOC content of the batch of coating, for each batch of coating received. Subpart II. [40 CFR 63.785(a)(2)]
- 65 [40 CFR 63.785(b)(1)] Determine compliance with the VOHAP limits using any combination of the procedures described in 40 CFR 63.785(c)(1) through (c)(4).
- 66 [40 CFR 63.785(c)(1)(i)] Determine the procedure used for each coating and document prior to application. Subpart II. [40 CFR 63.785(b)(1)]
- 67 [40 CFR 63.785(c)(1)(ii)] Coatings to which thinning solvent (or any other material) will not be added under any circumstance or to which only water is added: Certify the as-applied VOC content of each batch of coating. Subpart II. [40 CFR 63.785(c)(1)(i)]
- 68 [40 CFR 63.785(c)(1)(iii)] Coatings to which thinning solvent (or any other material) will not be added to the coating by affixing a label to each container of coating persons responsible for applying the coating that no thinning solvent may be added to the coating by affixing a label to each container of coating in the batch or through another means described in the implementation plan required in 40 CFR 63.787(b). Subpart II. [40 CFR 63.785(c)(1)(ii)]
- 69 [40 CFR 63.785(c)(2)(i)] Coatings to which thinning solvent (or any other material) will not be added under any circumstance or to which only water is added: The certified as-applied VOC content of each batch of coating used during a calendar month must be less than or equal to the applicable VOHAP limit in 40 CFR 63.783(a). Subpart II. [40 CFR 63.785(c)(1)(iii)]
- 70 [40 CFR 63.785(c)(2)(ii)] Coatings to which thinning solvent is routinely or sometimes added: Designate a single thinner for the coating and calculate the maximum allowable thinning ratio(s) for each batch using 40 CFR 63.785(c)(2)(i) Equations 1 and 2, prior to the first application of each batch. Subpart II. [40 CFR 63.785(c)(2)(ii)]
- 71 [40 CFR 63.785(c)(2)(iii)] Coatings to which thinning solvent is routinely or sometimes added: Determine the volume of each batch of the coating used, as supplied, during the previous month by the 15th day of each calendar month. Subpart II. [40 CFR 63.785(c)(2)(iii)]
- 72 [40 CFR 63.785(c)(2)(iv)] Coatings to which thinning solvent is routinely or sometimes added: Determine the total allowable volume of thinner for the coating used during the previous month using 40 CFR 63.785(c)(2)(iv) Equation 3 by the 15th day of each calendar month. Subpart II. [40 CFR 63.785(c)(2)(iv)]

**SPECIFIC REQUIREMENTS**

AI ID: 2164 - Bollinger Calcasieu LLC  
 Activity Number: PER20050003  
 Permit Number: 0520-00100-V1  
 Air - Title V Regular Permit Initial

**ARE 0002 3-64 - Painting Operations**

- 73 [40 CFR 63.785(c)(2)(v)] Coatings to which thinning solvent is routinely or sometimes added: Determine the volume of thinner actually used with the coating during the previous month by the 15th day of each calendar month. Subpart II. [40 CFR 63.785(c)(2)(v)]
- 74 [40 CFR 63.785(c)(2)(vi)] Coatings to which thinning solvent is routinely or sometimes added: The volume of thinner actually used with the coating [determined in 40 CFR 63.785(c)(3)(v)] must be less than or equal to the total allowable volume of thinner for the coating. [determined in 40 CFR 63.785(c)(3)(iv)]. Subpart II. [40 CFR 63.785(c)(2)(vi)]
- 75 [40 CFR 63.785(c)(3)(i)] Coatings to which the same thinning solvent (or other material) is routinely or sometimes added: Designate a single thinner to be added to each coating during the month and "group" coatings according to their designated thinner. Subpart II. [40 CFR 63.785(c)(3)(i)]
- 76 [40 CFR 63.785(c)(3)(ii)] Coatings to which the same thinning solvent (or other material) is routinely or sometimes added: Calculate the maximum allowable thinning ratio(s) for each batch of coating in the group using the equations in 40 CFR 63.785(c)(2), prior to the first application of each batch. Subpart II. [40 CFR 63.785(c)(3)(ii)]
- 77 [40 CFR 63.785(c)(3)(iii)] Coatings to which the same thinning solvent (or other material) is routinely or sometimes added: Notify painters and other persons, as necessary, of the designated thinner and maximum allowable thinning ratio(s) for each batch in the group by affixing a label to each container of coating or through another means described in the implementation plan required in 40 CFR 63.787(b), prior to the first application of each "batch". Subpart II. [40 CFR 63.785(c)(3)(iii)]
- 78 [40 CFR 63.785(c)(3)(iv)] Coatings to which the same thinning solvent (or other material) is routinely or sometimes added: Determine the volume of each batch of the group used, as supplied, during the previous month by the 15th day of each calendar month. Subpart II. [40 CFR 63.785(c)(3)(iv)]
- 79 [40 CFR 63.785(c)(3)(v)] Coatings to which the same thinning solvent (or other material) is routinely or sometimes added: Determine the total allowable volume of thinner for the group for the previous month using 40 CFR 63. Subpart II Equation 3 by the 15th day of each calendar month. Subpart II. [40 CFR 63.785(c)(3)(v)]
- 80 [40 CFR 63.785(c)(3)(vi)] Coatings to which the same thinning solvent (or other material) is routinely or sometimes added: Determine the volume of thinner actually used with the group during the previous month by the 15th day of each calendar month. Subpart II. [40 CFR 63.785(c)(3)(vi)]
- 81 [40 CFR 63.785(c)(3)(vii)] Coatings to which the same thinning solvent (or other material) is routinely or sometimes added: The volume of thinner actually used with the group [determined in 40 CFR 63.785(c)(3)(vi)] must be less than or equal to the total allowable volume of thinner for the group [determined in 40 CFR 63.785(c)(3)(v)]. Subpart II. [40 CFR 63.785(c)(3)(vii)]
- 82 [40 CFR 63.786(d)] Use or ensure that the manufacturer uses the form and procedures mentioned in 40 CFR 63 Subpart II Appendix A to determine values for thinner and coating parameters used in 40 CFR 63 Subpart II Equations 1 and 2. Ensure that the coating/thinner manufacturer (or supplier) provides information on the VOC and VOHAP contents of the coatings/thinners and the procedure(s) used to determine these values. Subpart II. [40 CFR 63.786(d)]
- 83 [40 CFR 63.786] Determine compliance with 40 CFR 63.785(c)(1) through (c)(4) using the methods specified in 40 CFR 63.786(a) through (c), as applicable. Subpart II.
- 84 [40 CFR 63.787(a)] Comply with all applicable notification requirements in 40 CFR 63.9(a) through (d) and (i) through (j), with the exception that the deadline specified in 40 CFR 63.9(b)(2) and (3) shall be extended from 120 days to 180 days. Subpart II. [40 CFR 63.787(a)]
- 85 [40 CFR 63.787(b)(1)] Prepare a written implementation plan that addresses each of the subject areas specified in 40 CFR 63.787(b)(3). Subpart II. [40 CFR 63.787(b)(1)]
- 86 [40 CFR 63.788(a)] Comply with the applicable recordkeeping and reporting requirements in 40 CFR 63.10(a), (b), (d), and (f). Subpart II. [40 CFR 63.788(a)]

**SPECIFIC REQUIREMENTS**

**AI ID:** 2164 - Bollinger Calcasieu LLC  
**Activity Number:** PER20050003  
**Permit Number:** 0520-00100-V1  
**Air - Title V Regular Permit Initial**

**ARE 0002 3-64 - Painting Operations**

- 87 [40 CFR 63.788(b)] Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the information specified in 40 CFR 63.788(b)(1) through (b)(4), as applicable, for a minimum of 5 years. Subpart II. [40 CFR 63.788(b)].
- 88 [40 CFR 63.788(c)] Submit report: Due before the 60th day following completion of each 6-month period after the compliance date specified in 40 CFR 63.784. Submit all of the information that must be retained pursuant to 40 CFR 63.788(b)(2)(2) and (b)(3), except for that information specified in 40 CFR 63.788(b)(2)(i) and (b)(2)(ii), (b)(2)(v), (b)(3)(i)(A), (b)(3)(ii)(A), and (b)(3)(iii)(A). If a violation is detected, also report the information specified in 40 CFR 63.788(b)(4) for the reporting period during which the violation(s) occurred. To the extent possible, organize the report according to the compliance procedure(s) followed each month. Subpart II. [40 CFR 63.788(c)]
- 89 [LAC 33.III.1305] Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33.III.1305.A.1-7.
- 90 [LAC 33.III.2123.C.11] Other Specialty Coatings: VOC, Total <= 3.5 lb/gal (0.42 kg/L) of coating as applied (minus water and exempt solvent). Include organic compounds contained in the paint or thinner which have negligible photochemical reactivity but are listed in LAC 33.III.Table 51.1.
- 91 [LAC 33.III.2123.C.11] Which Months: All Year Statistical Basis: 90 day rolling average General Use Coating: VOC, Total <= 3.5 lb/gal (0.42 kg/L) of coating as applied (minus water and exempt solvent). Include organic compounds contained in the paint or thinner which have negligible photochemical reactivity but are listed in LAC 33.III.Table 51.1.
- 92 [LAC 33.III.2123.D.3] Which Months: All Year Statistical Basis: 90 day rolling average Determine compliance by the procedure specified in "Control of Volatile Organic Emissions for Existing Stationary Sources, Vol. 2-Surface Coating of Cans, Coils, Paper, Fabric, Autos and Lt. Duty Trucks", (EPA 450/2-77-008), the procedures specified in "Measurement of Volatile Organic Compounds" (EPA-450/2-78-041), a method approved by DEQ or certification from the paint manufacturer concerning the solvent makeup of the paint. Treat exempt solvents the same as water in calculating the VOC content per gallon of coating. Permittee shall demonstrate compliance with LAC 33.III.2123.C in accordance with LAC 33.III.2123.D.
- 93 [LAC 33.III.2123.D.8] Determine compliance with LAC 33.III.2123.A, C, and D by applying the test methods specified in LAC 33.III.2123.E. 1 through E.6, as appropriate.
- 94 [LAC 33.III.2123.E] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33.III.2123.F.1 through F.4 to verify compliance with LAC 33.III.2123. Maintain records for at least two years. Comply with the requirements of LAC 33.III.2123 as soon as practicable, but in no event later than one year from the promulgation of the regulation revision, if subject to LAC 33.III.2123 as a result of a revision of LAC 33.III.2123.
- 95 [LAC 33.III.2123.F] Conduct a three-month intensive study of solvent types and usage. Utilize accounting on a unit operation system.
- 96 [LAC 33.III.2123.H] Submit plan: Due within 12 months after promulgation of LAC 33.III.2151. Submit plans to DEQ for reducing VOC emissions from solvent usage. Alternatively, report the controls and/or work practices deemed to be MACT that have been adopted to reduce VOC emissions from solvent cleanup operation.
- 97 [LAC 33.III.2151.C.1] Submit notification: Due annually by the 1st of July. Report the net VOC emissions from solvent usage. Also report solvent reduction progress, based on product output on other suitable basis approved by DEQ, or alternately, report the controls and/or work practices deemed to be MACT that have been adopted to reduce VOC emissions from solvent cleanup operations.
- 98 [LAC 33.III.2151.C.2] 100 [LAC 33.III.2151.E]
- 99 [LAC 33.III.2151.C.3] 101 [LAC 33.III.2151.E]
- VOC, Total recordkeeping by electronic or hard copy monthly. Calculate and record the net VOC emissions from usage of solvents.

**SPECIFIC REQUIREMENTS**

AI ID: 2164 - Bollinger Calcasieu LLC  
 Activity Number: PER20050003  
 Permit Number: 0520-00100-V1  
 Air - Title V Regular Permit Initial

**ARE 0002 3-64 - Painting Operations**

- 102 [LAC 33:III.2151.F] Comply with the requirements of LAC 33:III.2151 as soon as practicable, but in no event later than one year from promulgation of the regulation revision, if the facility has become subject to LAC 33:III.2151 as a result of a revision of the regulation.
- 103 [LAC 33:III.501.C.6] Total VOC <= 33.76 TPY and PM10 <= 7.62 TPY emissions from painting and cleaning operations. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the total VOC, total TAP, and speciated TAP emissions from painting and cleaning operations exceeds the maximum listed in this specific condition for any twelve consecutive month period.

Substitution of VOC TAPs is allowed between those TAPs listed in the emissions table of Section III Description of this permit on the condition that the quantity of substitution does not cause facility wide emissions of that TAP to exceed the greater of the amount listed in the table or the Minimum Emission Rate (MER) and the Total VOC TAPs are included in the Total VOCs or PM10 as appropriate. Emissions of VOCs not listed in the table are allowed as long as the facility wide emissions do not exceed the MER and are included in the Total VOC (where applicable) emissions and do not cause an exceedance of the Total VOC limit or Total PM10 limit as applicable.

The permittee shall calculate emissions of the Total VOC, Total TAP, and speciated TAP emissions each month. The 12 month consecutive average emissions shall be compared to the above listed emissions limits and the applicable MER for each TAP. Any 12 consecutive month total above the listed emission rate shall be considered a violation of this permit. Any 12 consecutive month emissions total for any speciated TAP that exceeds the higher value of the MER or the limit specified in this permit shall be considered a violation of this permit.

104 [LAC 33:III.507.H.1.a] Total VOC, total TAP, and speciated TAP emissions recordkeeping by electronic or hard copy monthly. Keep records of the total VOC, total TAP, and speciated TAP emissions from painting and cleaning operations each month, as well as the total VOC, total TAP, and speciated TAP emissions from painting and cleaning operations for the last twelve months. Make records available for inspection by DEQ personnel.

Total VOC, total TAP, and speciated TAP emissions from painting and cleaning operations monitored by technically sound method continuously. Permittee shall determine the more stringent coating limitation of either 40 CFR 63.783(a) or LAC 33:III.2123.C.11 prior to application of a paint during operations.

Submit report: Due annually, by the 1st of July. Report the total VOC, total TAP, and speciated TAP emissions from painting and cleaning operations for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (Compliance with NESHAII is determined as MACT).

**ARE 0003 12-64 - Abrasive Blasting**

- 110 [LAC 33:III.1305] Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.A.1-7. Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- Which Months: All Year Statistical Basis: Six-minute average

**SPECIFIC REQUIREMENTS**

AI ID: 2164 - Bollinger Calcasieu LLC  
 Activity Number: PER20050003  
 Permit Number: 0520-00100-V1  
 Air - Title V Regular Permit Initial

**ARE 0003 12-64 - Abrasive Blasting**

- Do not use material derived from hazardous, toxic, medical, and/or municipal waste as abrasive material.
- Particulate matter fines < 10 % by weight of the abrasive that would pass through a No. 80 sieve as documented by the supplier. If supplier documentation is not provided for weight percent of fines in abrasive material, take samples according to ASTM Standard ASTM D 75-87, reapproved 1992, before initial use.
- Which Months: All Year Statistical Basis: None specified
- Do not reuse abrasives for abrasive blasting unless they meet the requirements of LAC 33:III.1327.A.2.
- Fully enclose the item, or surround the structure, to be blasted or prepare and implement a BMP as described in LAC 33:III.1331.
- If a blast cabinet is used, re-circulate blast cabinet exhaust to the cabinet or vent to emission control equipment.
- Ensure that tarps have overlapping seams to prevent leakage of particulate matter.
- Shade factor  $\geq 80$  percent. Limit the shade factor of the tarps.
- Which Months: All Year Statistical Basis: None specified
- Repair tarps prior to use if any single tear greater than 1 foot in length is present or if tears greater than 6 inches in length each are present.
- Prevent blasting material or visible floating solids from reaching waters of the state or minimize to the maximum extent possible as specified in the facility and/or activity BMP or in accordance with the LPDES permit program.
- Ensure that abrasive blasting activities do not create a nuisance.
- Maintain stockpiles of new and/or spent abrasive material in a manner that will minimize fugitive airborne emissions.
- Use and diligently maintain all emission control equipment in proper working order according to the manufacturer's specifications whenever any emissions are being generated that can be controlled by the facility, even if the ambient air quality standard in affected areas are not exceeded.
- Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain the records specified in LAC 33:III.1333.A.1 through A.7 on the facility premises at all times. Present them to an authorized representative of DEQ upon request.
- Maintain records on a 36 month rolling basis.
- Toxic air pollutants (TAP): Permittee may emit TAPs, including those not specifically listed, at the greater of the Facility Total rates listed in the Emission Rates for TAP/HAP & Other Pollutants Table or the Minimum Emission Rate. Use of any TAP not listed in the TAP/HAP & Other Pollutants table is allowed so long as Facility Total emissions do not exceed the Minimum Emission Rate and emissions do not cause the Facility Total TAP emissions Total to exceed the listed limits.
- Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.
- Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ MACT is determined to be compliance with the provisions of LAC 33:III Chapter 13 Subchapter F Abrasive Blasting.
- Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.A.1-7.

**ARE 0004 3-02 - Metal Cutting**

- 128 [LAC 33:III.1305]
- Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.A.1-7.

**SPECIFIC REQUIREMENTS**

AI ID: 2164 - Bollinger Calcasieu LLC  
 Activity Number: PER20050003  
 Permit Number: 0520-00100-V1  
 Air - Title V Regular Permit Initial

**ARE 0004 3-02 - Metal Cutting**

- 129 [LAC 33:III.1311.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.  
 Which Months: All Year Statistical Basis: Six-minute average  
 Toxic air pollutants (TAP): Permittee may emit TAPs, including those not specifically listed, at the greater of the Facility Total rates listed in the Emission Rates for TAP/HAP & Other Pollutants Table or the Minimum Emission Rate. Use of any TAP not listed in the TAP/HAP & Other Pollutants table is allowed so long as Facility Total emissions do not exceed the Minimum Emission Rate and emissions do not cause the Facility Total TAP emissions Total to exceed the listed limits.  
 Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.  
 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ.  
 MACT is determined to be following good operating practices.
- 130 [LAC 33:III.501.C.6]
- 131 [LAC 33:III.5107.A.2]
- 132 [LAC 33:III.5109.A.1]

**ARE 0005 4-02 - Welding**

- 133 [LAC 33:III.1305] Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.A.1-7.  
 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.  
 Which Months: All Year Statistical Basis: Six-minute average  
 Toxic air pollutants (TAP): Permittee may emit TAPs, including those not specifically listed, at the greater of the Facility Total rates listed in the Emission Rates for TAP/HAP & Other Pollutants Table or the Minimum Emission Rate. Use of any TAP not listed in the TAP/HAP & Other Pollutants table is allowed so long as Facility Total emissions do not exceed the Minimum Emission Rate and emissions do not cause the Facility Total TAP emissions Total to exceed the listed limits.  
 Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.  
 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ.  
 MACT is determined to be the use of flux core arc welding and submerged arc welding where possible.
- 134 [LAC 33:III.1311.C]
- 135 [LAC 33:III.501.C.6]
- 136 [LAC 33:III.5107.A.2]
- 137 [LAC 33:III.5109.A.1]

**ARE 0006 5-02 - Portable Gasoline Welding**

- 138 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.  
 Which Months: All Year Statistical Basis: None specified  
 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.  
 Which Months: All Year Statistical Basis: Six-minute average
- 139 [LAC 33:III.1311.C]

**SPECIFIC REQUIREMENTS**

**AI ID:** 2164 - Bollinger Calcasieu LLC  
**Activity Number:** PER20050003  
**Permit Number:** 0520-00100-V1  
**Air - Title V Regular Permit Initial**

**CRG 0001 TOX - Thermal Oxidizer Requirements**

Group Members: EQT 0055 EQT 0056

140 [LAC 33:III.507.H.1.a]

Permittee shall install, maintain and operate two thermal oxidation units, EQT055, 1-07 Thermal Oxidizer # 1, and EQT056, 2-07 Thermal Oxidizer #2. One thermal oxidizer, EQT056, shall be equipped with a caustic scrubber system to control emissions of Hydrochloric Acid (HCl) resulting from the combustion of chlorinated hydrocarbons. Each thermal oxidizer shall control emissions at a 98% destruction rate or 20 ppm exhaust concentration, whichever is less stringent. The caustic scrubber system shall capture HCl formed from the combustion of chlorinated hydrocarbons with a 99% capture efficiency.

Submit report: Due annually, by the 31st of March. Report the following for each cleaned or vented barge or vessel for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division:

1) Barge or vessel name, 2) Date and time any venting or cleaning operation began, 3) Volume of each tank or container cleaned and vented, 4) Amount of liquid removed from tank or vessel prior to venting or cleaning, and 5) Identification of chemical currently in vessel or barge.

Emissions from venting any barge whose cargo has a vapor pressure greater than 1.5 psia shall be controlled by a thermal oxidizer. In addition to barges with a vapor pressure greater than 1.5 psia, the facility shall control emissions from the following cargos by thermal oxidation when operating conditions will result in the vapor pressure exceeding that listed below (listed vapor pressure at 80 degrees F):

Tetrachloroethane: 0.0888 psiaStyrene: 0.1404 psiaXylene: 0.1864 psiaChlorobenzene: 0.2542 psiaEpichlorohydrin: 0.3650 psiaSweet Natural Gas Distillates: 0.3866 psiaSour Natural Gas Distillates: 0.3866 psiaTetrachloroethylene (PCE): 0.3900 psiaToluene: 0.6002 psiaAromatic Concentrate: 0.6189 psiazEthyl Acrylate: 0.8463 psiaaGlycol Ethers: 0.1216 psiaCoker Oil: 1.0000 psiaReformate: 1.1319 psia

Noncompliance with this limitation is a reportable violation of the permit. Equipment/operational data: The following shall be monitored for each cleaned or vented barge or vessel by technically sound method continuously.  
 1) Barge or vessel name, 2) Date and time any venting or cleaning operation began, 3) Volume of each tank or container cleaned and vented, 4) Amount of liquid removed from tank or vessel prior to venting or cleaning, and 5) Identification of chemical currently in vessel or barge.

143 [LAC 33:III.507.H.1.a]

**SPECIFIC REQUIREMENTS**

AI ID: 2164 - Bollinger Calcasieu LLC  
 Activity Number: PER20050003  
 Permit Number: 0520-00100-V1  
 Air - Title V Regular Permit Initial

**CRG 0001 TOX - Thermal Oxidizer Requirements**

- 144 [LAC 33.III.507.H.1.a] Cleaned or vented barge or vessel recordkeeping by electronic or hard copy monthly. Keep records of the total cleaned or vented barge or vessel each month, as well as the total cleaned or vented barge or vessel for the last twelve months. Make records of the following be available for inspection by DEQ personnel.v  
 1) Barge or vessel name, 2) Date and time any venting or cleaning operation began, 3) Volume of each tank or container cleaned and vented, 4) Amount of liquid removed from tank or vessel prior to venting or cleaning, and 5) Identification of chemical currently in vessel or barge.

**EQT 0004 4-64 - Hot Water Heater**

- 145 [LAC 33.III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.  
 Which Months: All Year Statistical Basis: None specified  
 Total suspended particulate <= 0.6 lb/MMBTU of heat input.  
 Which Months: All Year Statistical Basis: None specified  
 Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions.

**EQT 0006 8-64 - Used Oil Storage Tank, T-13**

- 146 [LAC 33.III.1313.C] Submit the information in 40 CFR 63.2386(c)(1) through (3) and (c)(10)(i) in either the Notification of Compliance Status, according to the schedule specified in 40 CFR 63 Subpart EEEE Table 12, or in the first Compliance report, according to the schedule specified in 40 CFR 63.2386(b), whichever occurs first. If the first compliance report is submitted before the Notification of Compliance Status, include the information specified in 40 CFR 63.2386(d)(3) and (d)(4) in the Notification of Compliance Status if any of the changes identified in 40 CFR 63.2343(d) have occurred since the filing of the first Compliance report. If the Notification of Compliance Status is submitted before the first Compliance report, include the information specified in 40 CFR 63.2386(d)(3) and (d)(4) in the first Compliance report if any of the changes specified in 40 CFR 63.2343(d) have occurred since the filing of the Notification of Compliance Status. Subpart EEEE. [40 CFR 63.2343(b)(1)]  
 147 [LAC 33.III.1513.C] Submit subsequent Compliance report. Due according to the schedule in 40 CFR 63.2386(b) whenever any of the events in 40 CFR 63.2343(d) of this section occur, as applicable. Include the information in 40 CFR 63.2386(c)(1) through (3) and, (as applicable, 40 CFR 63.2386(d)(3) and (d)(4). Subpart EEEE. [40 CFR 63.2343(b)(2)]  
 Keep documentation, including a record of the annual average true vapor pressure of the total Table 1 organic HAP in the stored organic liquid, that verifies the storage tank is not required to be controlled under 40 CFR 63 Subpart EEEE. Keep the documentation up-to-date and in a form suitable and readily available for expeditious inspection and review according to 40 CFR 63.10(b)(1), including records stored in electronic form in a separate location. Subpart EEEE. [40 CFR 63.2343(b)(3)]  
 148 [40 CFR 63.2343(b)(1)] Include emissions of all toxic air pollutants listed in LAC 33.III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33.III.5105.B.
- 149 [40 CFR 63.2343(b)(2)]
- 150 [40 CFR 63.2343(b)(3)]
- 151 [LAC 33.III.5107.A.2]

**SPECIFIC REQUIREMENTS**

AI ID: 2164 - Bollinger Calcasieu LLC  
 Activity Number: PER20050003  
 Permit Number: 0520-00100-V1  
 Air - Title V Regular Permit Initial

**EQT 0006 8-64 - Used Oil Storage Tank; T-13**

152 [LAC 33.III.5109.A.1]

Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be equipping the tank with a pressure relief valve set at 1.5 psia to prevent standing losses and a submerged fill pipe to prevent working losses.

**EQT 0008 11-64 - Flare**

153 [LAC 33.III.1105]

Submit notification: Due to SPOC as soon as possible after the start of burning of pressure valve releases for control over process upsets. Notify in accordance with LAC 33.I.3923. Notification is required only if the upset cannot be controlled in six hours. Opacity <= 20 percent, except for a combined total of six hours in any 10 consecutive day period, for burning in connection with pressure valve releases for control over process upsets.

154 [LAC 33.III.1105]

Which Months: All Year Statistical Basis: None specified  
 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

155 [LAC 33.III.1311.C]

Which Months: All Year Statistical Basis: Six-minute average  
 Nonhalogenated hydrocarbon burning: Temperature  $\geq$  1300 F (704 degrees C) for 0.3 second or greater in a direct-flame afterburner or an equally effective device which achieves a removal efficiency of 95 percent or greater, as determined in accordance with LAC 33.III.2115.J.1, or if emissions are reduced to 50 ppm by volume, whichever is less stringent. Bollinger Calcasieu will utilize a flare as an equally effective control device.

156 [LAC 33.III.2115.A]

Which Months: All Year Statistical Basis: None specified  
 Halogenated hydrocarbons, total  $\geq$  95 % removal efficiency as determined in accordance with LAC 33.III.2115.J.1, by combustion or other methods specified in LAC 33.III.2115.G. If combusted, reduce the halogenated products of combustion to an emission level acceptable to DEQ.

157 [LAC 33.III.2115.F]

Which Months: All Year Statistical Basis: None specified  
 Demonstrate compliance with LAC 33.III.2115 as requested by DEQ  
 Comply with LAC 33.III.2115 as soon as practicable but in no event later than August 20, 2003. Comply with the requirements of LAC 33.III.2115 as soon as practicable, but in no event later than one year from the promulgation of the regulation revision, if subject to LAC 33.III.2115 as a result of a revision of LAC 33.III.2115.

Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain the records specified in LAC 33.III.2115.K.1 through K.3. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request.  
 Presence of a flame recordkeeping by electronic or hard copy continuously.

158 [LAC 33.III.2115.J.1]

Flare gas: Heat content > 300 BTU/scf, to ensure destruction of emissions to the flare stack.  
 Which Months: All Year Statistical Basis: None specified  
 Presence of a flame monitored by heat sensing device continuously.

159 [LAC 33.III.2115.J]

Which Months: All Year Statistical Basis: None specified  
 Develop a corrective action plan for re-lighting the flare. Plan must be kept readily available for immediate implementation in the event the flare needs to be re-lit. Permittee shall supplement the flare gas feed with fuel gas if the gas barge vapor emissions are below 300 BTU/scf heat content.

**SPECIFIC REQUIREMENTS**

AI ID: 2164 - Bollinger Calcasieu LLC  
 Activity Number: PER20050003  
 Permit Number: 0520-00100-V1  
 Air - Title V Regular Permit Initial

**EQT 0008 11-64 - Flare**

Submit report: Due annually, by the 31st of March. Report the following for each vented gas barge for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division:

- 1) Barge or vessel name, 2) Date and time any venting began, 3) Volume of each tank or container vented, 4) Amount of liquefied gas remaining in the barge, 5) Pressure and temperature of barge or vessel vapor prior to releasing to the flare, 6) Pressure and temperature of barge or vessel vapor after releasing to the flare, and 7) Identification of chemical currently in vessel or barge.

Equipment/operational data: The following shall be monitored for each vented gas barge or vessel by technically sound method continuously:

- 1) Barge or vessel name, 2) Date and time any venting began, 3) Volume of each tank or container vented, 4) Amount of liquefied gas remaining in the barge, 5) Pressure and temperature of barge or vessel vapor prior to releasing to the flare, 6) Pressure and temperature of barge or vessel vapor after releasing to the flare, and 7) Identification of chemical currently in vessel or barge.

The permittee shall calculate emissions of the Total VOC, Total TAP, and speciated TAP emissions each month. The 12 month consecutive average emissions shall be compared to the above listed emissions limits and the applicable MER for each TAP. Any 12 consecutive month total above the listed emission rate shall be considered a violation of this permit. Any 12 consecutive month emissions total for any speciated TAP that exceeds the higher value of the MER or the limit specified in this permit shall be considered a violation of this permit.

Substitution of VOC TAPs is allowed between those TAPs listed in the emissions table of Section III Description of this permit on the condition that the quantity of substitution does not cause facility wide emissions of that TAP to exceed the greater of the amount listed in the table or the Minimum Emission Rate (MER) and the Total VOC TAPs are included in the Total VOCs not listed in the table are allowed as long as the facility wide emissions do not exceed the MER and are included in the Total VOC (where applicable) emissions and do not cause an exceedance of the Total VOC limit.

Vented gas barge or vessel recordkeeping by electronic or hard copy monthly. Keep records of the total vented gas barge or vessel each month, as well as the total vented gas barge or vessel for the last twelve months. Make records of the following be available for inspection by DEQ personnel:

- 1) Barge or vessel name, 2) Date and time any venting began, 3) Volume of each tank or container vented, 4) Amount of liquefied gas remaining in the barge, 5) Pressure and temperature of barge or vessel vapor prior to releasing to the flare, 6) Pressure and temperature of barge or vessel vapor after releasing to the flare, and 7) Identification of chemical currently in vessel or barge

Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be controlling emissions of VOC TAPs with a flare.

**EQT 0009 5-93 - Truck Loading**

**SPECIFIC REQUIREMENTS**

**AID: 2164 - Bollinger Calcasieu LLC**  
**Activity Number: PER20050003**  
**Permit Number: 0520-00100-V1**  
**Air - Title V Regular Permit Initial**

**EQT 0009 5-93 - Truck Loading**

- 171 [40 CFR 63.2343(c)(1)] Submit the information in 40 CFR 63.2386(c)(1) through (3) and (c)(10)(i) in either the Notification of Compliance Status, according to the schedule specified in 40 CFR 63 Subpart EEEE Table 12, or in a first Compliance report, according to the schedule specified in 40 CFR 63.2386(b), whichever occurs first. If the first compliance report is submitted before the Notification of Compliance Status, include the information specified in 40 CFR 63.2386(d)(3) and (d)(4) in the Notification of Compliance Status if any of the changes identified in 40 CFR 63.2343(d) have occurred since the filing of the first Compliance report. If the Notification of Compliance Status is submitted before the first Compliance report, include the information specified in 40 CFR 63.2386(d)(3) and (d)(4) in the first Compliance report if any of the changes specified in 40 CFR 63.2343(d) have occurred since the filing of the Notification of Compliance Status. Subpart EEEE. [40 CFR 63.2343(c)(1)]
- 172 [40 CFR 63.2343(c)(2)] Submit subsequent Compliance report: Due according to the schedule in 40 CFR 63.2386(b) whenever any of the events in 40 CFR 63.2343(d) of this section occur, as applicable. Include the information in 40 CFR 63.2386(c)(1) through (3) and, as applicable, 40 CFR 63.2386(d)(3) and (d)(4). Subpart EEEE. [40 CFR 63.2343(c)(2)]
- 173 [40 CFR 63.2343(c)(3)] Keep documentation, including the records specified in 40 CFR 63.2390(d), that verifies the storage tank is not required to be controlled under 40 CFR 63 Subpart EEEE. Keep the documentation up-to-date and in a form suitable and readily available for expedited inspection and review according to 40 CFR 63.10(b)(1), including records stored in electronic form in a separate location. Subpart EEEE. [40 CFR 63.2343(c)(3)]
- 174 [LAC 33:III.5107.A.2] Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.
- 175 [LAC 33:III.5109.A.1] Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be compliance with the throughput limits set in LAC 33:III.2107 and this permit.

**EQT 0012 9-93 - Wash Water Surge Tank, S-1**

- 176 [LAC 33:III.5107.A.2] Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.
- 177 [LAC 33:III.5109.A.1] Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be operation of the tank at a near constant level to minimize working losses.

**EQT 0013 10-93 - Wash Water Surge Tank, S-2**

- 178 [LAC 33:III.5107.A.2] Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.
- 179 [LAC 33:III.5109.A.1] Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be no further controls because TAP emissions are negligible.

**EQT 0018 6-01 - Oily Water Tank 01**

- 180 [LAC 33:III.5107.A.2] Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.
- 181 [LAC 33:III.5109.A.1] Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be no further controls because TAP emissions are negligible.

**SPECIFIC REQUIREMENTS**

AI ID: 2164 - Bollinger Calcasieu LLC  
 Activity Number: PER20050003  
 Permit Number: 0520-00100-V1  
 Air - Title V Regular Permit Initial

**EQT 0019 8-02 - Vacuum Receiver Tank, R-1**

- 182 [LAC 33:III.5107.A.2] Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.  
 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ.  
 MACT is determined to be equipping the tank with a pressure relief valve set at 1.5 psia to prevent standing losses and a submerged fill pipe to prevent working losses.

**EQT 0020 9-02 - Vacuum Receiver Tank, R-2**

- 184 [LAC 33:III.5107.A.2] Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.  
 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ.  
 MACT is determined to be equipping the tank with a pressure relief valve set at 1.5 psia to prevent standing losses and a submerged fill pipe to prevent working losses.

**EQT 0022 23-02 - Water Treatment Tank, WTT-1**

- 186 [LAC 33:III.2109.B] LAC 33:III.2109: EXEMPT - Water Treatment Tank does not separate heavy oils with a vapor pressure greater than 0.5 psia.  
 Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the information specified in LAC 33:III.2109.D.2.  
 Emits Class I and/or Class II TAP less than the MER (facility wide). Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.  
 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ.  
 MACT is determined to be compliance with the provisions of LAC 33:III.2109.

**EQT 0023 24-02 - Water Treatment Tank, WTT-2**

- 187 [LAC 33:III.2109.D.2] LAC 33:III.2109: EXEMPT - Water Treatment Tank does not separate heavy oils with a vapor pressure greater than 0.5 psia.  
 Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the information specified in LAC 33:III.2109.D.2.  
 Emits Class I and/or Class II TAP less than the MER (facility wide). Chapter 51 MACT is not required. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.  
 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ.  
 MACT is determined to be compliance with the provisions of LAC 33:III.2109.

**EQT 0024 25-02 - Water Clarifier 1, C-1**

- 194 [LAC 33:III.5107.A.2] Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

**SPECIFIC REQUIREMENTS**

AI ID: 2164 - Bollinger Calcasieu LLC  
 Activity Number: PER20050003  
 Permit Number: 0520-00100-V1  
 Air - Title V Regular Permit Initial

**EQT 0024 26-02 - Water Clarifier 1, C-1**

195 [LAC 33:III.5109.A.1] Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be equipping the tank with a pressure relief valve set at 1.5 psia to prevent standing losses and a submerged fill pipe to prevent working losses.

**EQT 0025 26-02 - Water Clarifier 2, C-2**

196 [LAC 33:III.5107.A.2] Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.  
 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be equipping the tank with a pressure relief valve set at 1.5 psia to prevent standing losses and a submerged fill pipe to prevent working losses.

**EQT 0026 27-02 - Diesel Generator Engine**

198 [LAC 33:III.1101B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.  
 Which Months: All Year Statistical Basis: None specified  
 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.  
 Which Months: All Year Statistical Basis: Six-minute average  
 Fuel <= 29204 gallons/yr diesel. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the total fuel usage exceeds the maximum listed in this specific condition for any twelve consecutive month period.  
 Which Months: All Year Statistical Basis: None specified  
 Conduct a performance/emissions test: Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shakedown period, whichever is earliest. The stack test's purpose is to demonstrate compliance with the emission limits of this permit and therefore must be conducted at greater than 80% of maximum permitted capacity. Repeat the test after each major engine overhaul. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources and Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.  
 Operating time recordkeeping by electronic or hard copy monthly. Keep records of the total fuel usage each month, as well as the total fuel usage for the last twelve months. Make records available for inspection by DEQ personnel.  
 Fuel monitored by technically sound method continuously.  
 Which Months: All Year Statistical Basis: None specified

**SPECIFIC REQUIREMENTS**

AI ID: 2164 - Bollinger Calcasieu LLC  
 Activity Number: PER20050003  
 Permit Number: 0520-00100-V1  
 Air - Title V Regular Permit Initial

**EQT 0027 29-02 - Diesel Oil Wash Pump**

- 204 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.  
 Which Months: All Year Statistical Basis: None specified  
 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- 205 [LAC 33:III.1311.C] Which Months: All Year Statistical Basis: Six-minute average  
 Fuel <= 3360 gallons/yr diesel. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the total fuel usage exceeds the maximum listed in this specific condition for any twelve consecutive month period.
- 206 [LAC 33:III.501.C.6] Which Months: All Year Statistical Basis: None specified  
 Operating time recordkeeping by electronic or hard copy monthly. Keep records of the total fuel usage each month, as well as the total fuel usage for the last twelve months. Make records available for inspection by DEQ personnel.  
 Fuel monitored by technically sound method continuously.  
 Which Months: All Year Statistical Basis: None specified
- 207 [LAC 33:III.507.H.1.a]  
 208 [LAC 33:III.507.H.1.a]

**EQT 0031 01-04 - Midstream Fueler 5**

- 209 [LAC 33:III.5107.A.2] Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.  
 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ.  
 MACT is determined to be no further controls because TAP emissions are negligible.
- 210 [LAC 33:III.5109.A.1]

**EQT 0032 02-04 - Diesel Fired Portable Welding Machine**

- 211 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.  
 Which Months: All Year Statistical Basis: None specified  
 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- 212 [LAC 33:III.1311.C] Which Months: All Year Statistical Basis: Six-minute average  
 Fuel <= 300 gallons/yr diesel. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the total fuel usage exceeds the maximum listed in this specific condition for any twelve consecutive month period.
- 213 [LAC 33:III.501.C.6] Which Months: All Year Statistical Basis: None specified  
 Operating time recordkeeping by electronic or hard copy monthly. Keep records of the total fuel usage each month, as well as the total fuel usage for the last twelve months. Make records available for inspection by DEQ personnel.
- 214 [LAC 33:III.507.H.1.a]

**SPECIFIC REQUIREMENTS**

AI ID: 2164 - Boltinger Calcasieu LLC  
 Activity Number: PER20050003  
 Permit Number: 0520-00100-V1  
 Air - Title V Regular Permit Initial

**EQT 0032 02-04 - Diesel Fired Portable Welding Machine**

215 [LAC 33:III.1101.B]

Fuel monitored by technically sound method continuously.  
 Which Months: All Year Statistical Basis: None specified

**EQT 0033 03-04 - Miscellaneous Diesel Engines**

216 [LAC 33:III.1101.B]

Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

217 [LAC 33:III.1311.C]

Which Months: All Year Statistical Basis: None specified  
 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.  
 Which Months: All Year Statistical Basis: Six-minute average

**EQT 0055 1-07 - Thermal Oxidizer #1**

218 [LAC 33:III.1101.B]

Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

219 [LAC 33:III.1313.C]

Which Months: All Year Statistical Basis: None specified  
 Total suspended particulate <= 0.6 lb/MMBTU of heat input.

220 [LAC 33:III.2108.C.2]

Which Months: All Year Statistical Basis: None specified  
 VOC, Total >= 90 % reduction by weight. Compliance requirements are listed in CRG001, TOX.

221 [LAC 33:III.2108.E]

Which Months: All Year Statistical Basis: None specified  
 Determine compliance with LAC 33:III.2108.E.1-S, as appropriate.  
 Submit test results: Due to the Office of Environmental Assessment within 45 days of any testing done in accordance with LAC 33:III.2108.E.

222 [LAC 33:III.2108.F.1]

Which Months: All Year Statistical Basis: None specified  
 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2108.F.2.a-e.  
 Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

224 [LAC 33:III.5107.A.2]

Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ.  
 MACT is determined to be controlling emissions with thermal oxidizer to 98%.

**EQT 0056 2-07 - Thermal Oxidizer #2**

226 [LAC 33:III.1101.B]

Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.  
 Which Months: All Year Statistical Basis: None specified

**SPECIFIC REQUIREMENTS**

AI ID: 2164 - Bollinger Calcasieu LLC  
 Activity Number: PER20050003  
 Permit Number: 0520-00100-V1  
 Air - Title V Regular Permit Initial

**EQT 0056 2-07 - Thermal Oxidizer #2**

- 227 [LAC 33:III.1313.C] Total suspended particulate <= 0.6 lb/MMBTU of heat input.  
 Which Months: All Year Statistical Basis: None specified  
 VOC, Total >= 90 % reduction by weight. Compliance requirements are listed in CRG001, TOX.
- 228 [LAC 33:III.2108.C.2] Which Months: All Year Statistical Basis: None specified  
 Determine compliance with LAC 33:III.2108.C.3 using the methods in LAC 33:III.2108.E.1-5, as appropriate.
- 229 [LAC 33:III.2108.E] Submit test results: Due to the Office of Environmental Assessment within 45 days of any testing done in accordance with LAC 33:III.2108.E.
- 230 [LAC 33:III.2108.F.1] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2108.F.2.a-e.
- pH >= s.u. Establish, and provide to DEQ for approval, allowable ranges for the operating pH of the scrubbing liquid to each scrubber in the process scrubbing system for the purpose of assuring compliance with the limits in this specific condition. Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shutdown period, whichever is earliest. The Department's approval need not be in the form of a permit modification if the conditions outlined in 40 CFR 70.4(b)(12) and 502(b)(10) of the Clean Air Act are satisfied, and can be incorporated under an administrative amendment.
- Flow rate >= gallons/min. Establish, and provide to DEQ for approval, allowable ranges for the flow rate of the scrubbing liquid to each scrubber in the process scrubbing system for the purpose of assuring compliance with the limits in this specific condition. Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shutdown period, whichever is earliest. The Department's approval need not be in the form of a permit modification if the conditions outlined in 40 CFR 70.4(b)(12) and 502(b)(10) of the Clean Air Act are satisfied, and can be incorporated under an administrative amendment.
- Flow rate monitored by flow rate monitoring device once every four hours.  
 Which Months: All Year Statistical Basis: None specified  
 pH recordkeeping by electronic or hard copy once every four hours.
- 233 [LAC 33:III.501.C.6] Which Months: All Year Statistical Basis: None specified  
 pH monitored by pH instrument once every four hours.
- 234 [LAC 33:III.507.H.1.a] Flow rate recordkeeping by electronic or hard copy once every four hours.  
 Which Months: All Year Statistical Basis: None specified  
 Flow rate report: Due annually, by the 1st of July for the preceding calendar year. List the hours that the scrubber operated out of the ranges specified. Submit report to the Office of Environmental Compliance, Enforcement Division.
- 235 [LAC 33:III.507.H.1.a] Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.
- 236 [LAC 33:III.507.H.1.a] Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be controlling emissions with thermal oxidizer to 98% and caustic scrubber to 99%.
- 237 [LAC 33:III.507.H.1.a]
- 238 [LAC 33:III.507.H.1.a]
- 239 [LAC 33:III.5107.A.2]
- 240 [LAC 33:III.5109.A.1]

**EQT 0057 3-07 - Drydock Generator**

- 241 [40 CFR 60.4204(b)] Comply with the emission standards for new CI engines in 40 CFR 60.4201, as applicable. Subpart III. [40 CFR 60.4204(b)]  
 Operate and maintain stationary CI ICE according to the manufacturer's written instructions or procedures developed by the owner or operator that are approved by the engine manufacturer, over the entire life of the engine. Subpart III.

**SPECIFIC REQUIREMENTS**

AI ID: 2164 - Bollinger Calcasieu LLC  
 Activity Number: PER20050003  
 Permit Number: 0520-00100-V1  
 Air - Title V Regular Permit Initial

**EQT 0057 3-07 - Drydock Generator**

243 [40 CFR 60.4207(a)]

244 [40 CFR 60.4207(b)]

245 [40 CFR 60.4209(b)]

Beginning October 1, 2007, use diesel fuel that meets the requirements of 40 CFR 80.510(a). Subpart IIII. [40 CFR 60.4207(a)]  
 Beginning October 1, 2010, use diesel fuel that meets the requirements of 40 CFR 80.510(b) for nonroad diesel fuel. Subpart IIII. [40 CFR 60.4207(b)]

If the equipment is equipped with a diesel particulate filter to comply with the emission standards, the pressure shall be monitored by pressure instrument continuously during operation. Install a backpressure monitor on the diesel particulate filter that notifies the owner or operator when the high backpressure limit of the engine is approached. Subpart IIII. [40 CFR 60.4209(b)]  
 Operate and maintain the stationary CI internal combustion engine and control device according to the manufacturer's written instructions or procedures developed by the owner or operator that are approved by the engine manufacturer. In addition, only change those settings that are permitted by the manufacturer. Also meet the requirements of 40 CFR 89, 94 and/or 1068, as applicable. Subpart IIII. [40 CFR 60.4211(a)]  
 Ensure engine is certified to the emission standards in 40 CFR 60.4204(b), or 40 CFR 60.4025(b) or (c), as applicable, for the same model year and maximum (or in the case of fire pumps, NFPA nameplate) engine power. Install and configure according to the manufacturer's specifications. Subpart IIII. [40 CFR 60.4211(c)]

Meet the requirements of 40 CFR 60 Subpart IIII for compression ignition engines. Subpart ZZZZ. [40 CFR 63.6550(c)]  
 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: None specified  
 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: Six-minute average  
 Fuel recordkeeping by electronic or hard copy monthly. Keep records of the total fuel usage each month, as well as the total fuel usage for the last twelve months. Make records available for inspection by DEQ personnel.  
 Fuel monitored by technically sound method continuously.  
 Which Months: All Year Statistical Basis: None specified

**EQT 0058 4-07 - Yard Emergency Generator 2**

253 [LAC 33:III.507.H.1.a]

Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: None specified  
 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.  
 Which Months: All Year Statistical Basis: Six-minute average

**SPECIFIC REQUIREMENTS**

AI ID: 2164 - Bollinger Calcasieu LLC  
 Activity Number: PER20050003  
 Permit Number: 0520-00100-V1  
 Air - Title V Regular Permit Initial

**EQT 0058 4-07 - Yard Emergency Generator 2**

255 [LAC 33:III.501.C.6]

Fuel <= 3600 gallons/yr diesel. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the total fuel usage exceeds the maximum listed in this specific condition for any twelve consecutive month period.

256 [LAC 33:III.507.H.1.a]

Which Months: All Year Statistical Basis: None specified Fuel recordkeeping by electronic or hard copy monthly. Keep records of the total fuel usage each month, as well as the total fuel usage for the last twelve months. Make records available for inspection by DEQ personnel.

257 [LAC 33:III.507.H.1.a]

Fuel monitored by technically sound method continuously.  
 Which Months: All Year Statistical Basis: None specified

**EQT 0059 5-07 - Midstream Fueler Pump Engine**

258 [LAC 33:III.1101.B]

Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

259 [LAC 33:III.1311.C]

Which Months: All Year Statistical Basis: None specified Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

260 [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: Six-minute average Fuel <= 3240 gallons/yr diesel. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the fuel usage exceeds the maximum listed in this specific condition for any twelve consecutive month period.

261 [LAC 33:III.507.H.1.a]

Which Months: All Year Statistical Basis: None specified Fuel monitored by technically sound method continuously.

262 [LAC 33:III.507.H.1.a]

Which Months: All Year Statistical Basis: None specified Fuel recordkeeping by electronic or hard copy monthly. Keep records of the total fuel usage each month, as well as the total fuel usage for the last twelve months. Make records available for inspection by DEQ personnel.

**EQT 0060 6-07 -Miscellaneous Gasoline Engines**

263 [LAC 33:III.1101.B]

Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

264 [LAC 33:III.1311.C]

Which Months: All Year Statistical Basis: Six-minute average Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

**SPECIFIC REQUIREMENTS**

**AI ID:** 2164 - Bollinger Calcasieu LLC  
**Activity Number:** PER20050003  
**Permit Number:** 0520-00100-V1  
**Air - Title V Regular Permit Initial**

**EQT 0061 7-07 - Miscellaneous Gasoline Fuel Tanks**

- 265 [LAC 33:III.5107.A.2] Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.  
 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ.  
 MACT is determined to be compliance with LAC 33:2103.1.S.

**FUG 0001 FUG - Fugitive Emissions**

- 267 [LAC 33:III.2111] Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment.

**GRP 0002 WWT-CAP - WWT-CAP - Waste Water Treatment System**

- Group Members: EQT 0010EQT 0011EQT 0014EQT 0015EQT 0016EQT 0017EQT 0024EQT 0025  
 Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.  
 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ.  
 MACT is determined to be no further controls required.

**GRP 0003 2-64 - Marine Vessel and Tank Venting**

- Group Members: EQT 0006EQT 0019EQT 0020EQT 0034EQT 0035EQT 0036EQT 0037EQT 0038EQT 0039EQT 0040EQT 0041EQT 0042EQT 0043EQT 0044EQT 0045EQT 0046EQT 0047EQT 0048  
 270 [LAC 33:III.2108.C.5] Load only into ships and/or barges equipped with vapor collection equipment that is compatible with the affected facility's vapor collection system. This requirement only applies to venting and cleaning operations of barges with a current cargo with a vapor pressure > 1.5 psia.  
 Properly connect the vapor collection and disposal system to the ships and/or barges before any loading is done. This requirement only applies to venting and cleaning operations of barges with a current cargo with a vapor pressure > 1.5 psia.  
 Comply with the requirements of LAC 33:III.2108 as soon as practicable, but in no event later than one year from the promulgation of the regulation revision, if subject to LAC 33:III.2108 as a result of a revision of LAC 33:III.2108.  
 Submit test results: Due to the Office of Environmental Assessment within 45 days of any testing done in accordance with LAC 33:III.2108.E.  
 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2108.F.2.a-e, as applicable.  
 Loading gasoline, crude oil or other VOCs into ships or barges is prohibited unless all loading and vapor lines, arms and hoses are equipped with fittings which make vapor-tight connections and provide tight shut-off when disconnected. This requirement only applies to venting and cleaning operations of barges with a current cargo with a vapor pressure > 1.5 psia.  
 Prevent spills or leaks during attachment or disconnection of filling lines, hoses or arms. Do not spill liquids or handle in any other manner that would result in evaporation to the atmosphere.
- 271 [LAC 33:III.2108.C.6]
- 272 [LAC 33:III.2108.D.4]
- 273 [LAC 33:III.2108.F.1]
- 274 [LAC 33:III.2108.F.2]
- 275 [LAC 33:III.2108.G.1]
- 276 [LAC 33:III.2108.G.2]

**SPECIFIC REQUIREMENTS**

AI ID: 2164 - Bollinger Calcasieu LLC  
 Activity Number: PER20050003  
 Permit Number: 0520-00100-V1  
 Air - Title V Regular Permit Initial

**GRP 0003 2-64 - Marine Vessel and Tank Venting**

- 277 [LAC 33:III.2108.G.3] Maintain all equipment associated with the loading of gasoline, crude oil or other VOC into ships or barges to be leak-free, gas-tight and in good working order.
- 278 [LAC 33:III.501.C.6] Total VOC <= 62.54 TPY emissions from marine vessel and tank venting operations. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the total-VOC, total-TAP, and speciated TAP emissions from marine vessel and tank venting operations exceeds the maximum listed in this specific condition for any twelve consecutive month period.
- Substitution of VOC TAPs is allowed between those TAPs listed in the emissions table of Section III Description and the Emission Rates for TAP/HAP & Other Pollutants table of this permit on the condition that the quantity of substitution does not cause facility wide emissions of that TAP to exceed the greater of the amount listed in the table or the Minimum Emission Rate (MER) and the Total VOC TAPs are included in the Total VOCs or PM10 as appropriate. Emissions of VOCs not listed in the table are allowed as long as the facility wide emissions do not exceed the MER and are included in the Total VOC (where applicable) emissions and do not cause an exceedance of the Total VOC limit.
- The permittee shall calculate emissions of the Total VOC, Total TAP, and speciated TAP emissions each month. The 12 month consecutive average emissions shall be compared to the above listed emissions limits and the applicable MER for each TAP. Any 12 consecutive month total above the listed emission rate shall be considered a violation of this permit. Any 12 consecutive month emissions total for any speciated TAP that exceeds the higher value of the MER or the limit specified in this permit shall be considered a violation of this permit.
- Submit report: Due annually, by the 1st of July. Report the total VOC, total TAP, and speciated TAP emissions from marine vessel and tank venting operations for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.
- Submit report: Due annually, by the 1st of July. Report the following for each cleaned or vented barge or vessel for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division:N
- 1) Barge or vessel name, 2) Date and time any venting or cleaning operation began, 3) Volume of each tank or container cleaned and vented, 4) Amount of liquid removed from tank or vessel prior to venting or cleaning, and 5) Identification of chemical currently in vessel or barge.
- Total VOC, total TAP, and speciated TAP emissions from marine vessel and tank venting operations monitored by technically sound method continuously.
- Cleaned or vented barge or vessel recordkeeping by electronic or hard copy monthly. Keep records of the total cleaned or vented barge or vessel each month, as well as the total cleaned or vented barge or vessel for the last twelve months. Make records of the following be available for inspection by DEQ personnel.
- 1) Barge or vessel name, 2) Date and time any venting or cleaning operation began, 3) Volume of each tank or container cleaned and vented, 4) Amount of liquid removed from tank or vessel prior to venting or cleaning, and 5) Identification of chemical currently in vessel or barge.
- Equipment/operational data: The following shall be monitored for each cleaned or vented barge or vessel by technically sound method continuously:
- 1) Barge or vessel name, 2) Date and time any venting or cleaning operation began, 3) Volume of each tank or container cleaned and vented, 4) Amount of liquid removed from tank or vessel prior to venting or cleaning, and 5) Identification of chemical currently in vessel or barge.

**SPECIFIC REQUIREMENTS**

AI ID: 2164 - Bollinger Calcasieu LLC  
 Activity Number: PER20050003  
 Permit Number: 0520-00100-V1  
 Air - Title V Regular Permit Initial

**GRP 0003 2-64 - Marine Vessel and Tank Venting**

- 284 [LAC 33:III.507.H.1.a] Total VOC, total TAP, and speciated TAP emissions from marine vessel and tank venting operations recordkeeping by electronic or hard copy monthly. Keep records of the total VOC, total TAP, and speciated TAP emissions from marine vessel and tank venting operations each month, as well as the total VOC, total TAP, and speciated TAP emissions from marine vessel and tank venting operations for the last twelve months. Make records available for inspection by DEQ personnel.
- Include emissions of all toxic air pollutants listed in LAC 33:III.511.2, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.510.5.B.
- Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be controlling vapors from cargos by venting, flaring or routing through a series of thermal oxidizers depending on cargo type and vapor pressure.

**GRP 0004 BCO - Barge Cleaning Operations**

Group Members: EQT 0009EQT 0012EQT 0013EQT 0018EQT 0022EQT 0023FUC 0001GRP 0002GRP 0003

- Total 1 VOC <= 88.12 TPY emissions from barge cleaning operations, including marine vessel and tank venting operations. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the total VOC, total TAP, and speciated TAP emissions from barge cleaning operations, marine vessel and tank venting operations exceeds the maximum listed in this specific condition for any twelve consecutive month period.  
 Substitution of VOC TAPs is allowed between those TAPs listed in the emissions table of Section III Description and the Emission Rates for TAP/HAP & Other Pollutants table of this permit on the condition that the quantity of substitution does not cause facility wide emissions of that TAP to exceed the greater of the amount listed in the table or the Minimum Emission Rate (MER) and the Total VOC TAPs are included in the Total VOCs as appropriate. Emissions of VOCs not listed in the table are allowed as long as the facility wide emissions do not exceed the MER and are included in the Total VOC (where applicable) emissions and do not cause an exceedance of the Total VOC limit.  
 The permittee shall calculate emissions of the Total VOC, Total TAP, and speciated TAP emissions each month. The 12 month consecutive average emissions shall be compared to the above listed emissions limits and the applicable MER for each TAP. Any 12 consecutive month total above the listed emission rate shall be considered a violation of this permit. Any 12 consecutive month emissions total for any speciated TAP that exceeds the higher value of the MER or the limit specified in this permit shall be considered a violation of this permit.  
 Total VOC, total TAP, and speciated TAP emissions from barge cleaning operations, including marine vessel and tank venting operations monitored by technically sound method continuously.  
 Total VOC, total TAP, and speciated TAP emissions from barge cleaning operations, including marine vessel and tank venting operations recordkeeping by electronic or hard copy monthly. Keep records of the total VOC, total TAP, and speciated TAP emissions from barge cleaning operations, marine vessel and tank venting operations each month, as well as the total VOC, total TAP, and speciated TAP emissions from barge cleaning operations, including marine vessel and tank venting operations for the last twelve months. Make records available for inspection by DEQ personnel.

288 [LAC 33:III.507.H.1.a]

289 [LAC 33:III.507.H.1.a]

**SPECIFIC REQUIREMENTS**

AI ID: 2164 - Bollinger Calcasieu LLC  
 Activity Number: PER20050003  
 Permit Number: 0520-00100-V1  
 Air - Title V Regular Permit Initial

**GRP 0004 BCO - Barge Cleaning Operations**

- 290 [LAC 33:III.507.H.1.a] Barge cleaning operations, including marine vessel and tank venting operations include the following sources: EQT009, 5-93 - Truck Loading; EQT012, 9-93 - Wash Water Surge Tank, S-1; EQT013, 10-93 - Wash Water Surge Tank, S-2; EQT018, 6-01 - Oily Water Tank 01; EQT022, 23-02 - Water Treatment Tank, WTT-1; EQT023, 24-02 - Water Treatment Tank, WTT-2; FUG001, FUG - Fugitive Emissions; GRP002, WWT-CAP - Waste Water Treatment System; GRP003, 2-64 - Marine Vessel Tank Venting.
- Submit report: Due annually, by the 1st of July. Report the total VOC, total TAP, and speciated TAP emissions from barge cleaning operations, including marine vessel and tank venting operations for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.

**CRG 0002 OST Group A - Oil Storage Tank Group A**

Group Members: EQT 0034EQT 0035EQT 0036EQT 0037EQT 0038EQT 0039EQT 0040EQT 0041EQT 0054

- Submit the information in 40 CFR 63.2386(c)(1) through (3) and (c)(10)(i) in either the Notification of Compliance Status, according to the schedule specified in 40 CFR 63 Subpart EEEE Table 12, or in the first Compliance report, according to the schedule specified in 40 CFR 63.2386(b), whichever occurs first. If the first compliance report is submitted before the Notification of Compliance Status, include the information specified in 40 CFR 63.2386(d)(3) and (d)(4) in the Notification of Compliance Status if any of the changes identified in 40 CFR 63.2343(d) have occurred since the filing of the first Compliance report. If the Notification of Compliance Status is submitted before the first Compliance report, include the information specified in 40 CFR 63.2386(d)(3) and (d)(4) in the first Compliance report if any of the changes specified in 40 CFR 63.2343(d) have occurred since the filing of the Notification of Compliance Status. Subpart EEEE. [40 CFR 63.2343(b)(1)]
- Submit subsequent Compliance report: Due according to the schedule in 40 CFR 63.2386(b) whenever any of the events in 40 CFR 63.2343(d) of this section occur, as applicable. Include the information in 40 CFR 63.2386(e)(1) through (3) and, as applicable, 40 CFR 63.2386(d)(3) and (d)(4). Subpart EEEE. [40 CFR 63.2343(b)(2)]
- Keep documentation, including a record of the annual average true vapor pressure of the total Table 1 organic HAP in the stored organic liquid, that verifies the storage tank is not required to be controlled under 40 CFR 63 Subpart EEEE. Keep the documentation up-to-date and in a form suitable, and readily available, for expeditious inspection and review according to 40 CFR 63.10(b)(1), including records stored in electronic form in a separate location. Subpart EEEE. [40 CFR 63.2343(b)(3)]
- Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.
- Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be equipping the tank with a pressure relief valve set at 1.5 psia to prevent standing losses and a submerged fill pipe to prevent working losses.

**CRG 0003 CST - Chemical Storage Tanks**

Group Members: EQT 0042EQT 0043EQT 0047

**SPECIFIC REQUIREMENTS**

AI ID: 2164 - Bollinger Calcasieu LLC  
 Activity Number: PER20050003  
 Permit Number: 0520-00100-V1  
 Air - Title V Regular Permit Initial

**CRG 0003 CST - Chemical Storage Tanks**

- 297 [40 CFR 63.2343(b)(1)]  
 Submit the information in 40 CFR 63.2386(c)(1) through (3) and (c)(10)(i) in either the Notification of Compliance Status, according to the schedule specified in 40 CFR 63 Subpart EEEE Table 12, or in the first Compliance report, according to the schedule specified in 40 CFR 63.2386(b), whichever occurs first. If the first compliance report is submitted before the Notification of Compliance Status, include the information specified in 40 CFR 63.2386(d)(3) and (d)(4) in the Notification of Compliance Status if any of the changes identified in 40 CFR 63.2343(d) have occurred since the filing of the first Compliance report. If the Notification of Compliance Status is submitted before the first Compliance report, include the information specified in 40 CFR 63.2386(d)(3) and (d)(4) in the first Compliance report if any of the changes specified in 40 CFR 63.2343(d) have occurred since the filing of the Notification of Compliance Status. Subpart EEEE. [40 CFR 63.2343(b)(1)]
- 298 [40 CFR 63.2343(b)(2)]  
 Submit subsequent Compliance report: Due according to the schedule in 40 CFR 63.2386(b) whenever any of the events in 40 CFR 63.2386(d) of this section occur, as applicable. Include the information in 40 CFR 63.2386(c)(1) through (3) and, as applicable, 40 CFR 63.2386(d)(j) and (d)(4). Subpart EEEE. [40 CFR 63.2343(b)(2)]
- 299 [40 CFR 63.2343(b)(3)]  
 Keep documentation, including a record of the annual average true vapor pressure of the total Table 1 organic HAP in the stored organic liquid, that verifies the storage tank is not required to be controlled under 40 CFR 63 Subpart EEEE. Keep the documentation up-to-date and in a form suitable and readily available for expeditious inspection and review according to 40 CFR 63.10(b)(1), including records stored in electronic form in a separate location. Subpart EEEE. [40 CFR 63.2343(b)(3)]
- 300 [LAC 33.III.2103.A]  
 Equip with a submerged fill pipe.
- 301 [LAC 33.III.2103.H.3]  
 Determine VOC maximum true vapor pressure using the methods in LAC 33.III.2103.H.3.a-e.
- 302 [LAC 33.III.2103.I]  
 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33.III.2103.I.1 - 7, as applicable.
- 303 [LAC 33.III.5107.A.2]  
 Include emissions of all toxic air pollutants listed in LAC 33.III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33.III.5105.B.
- 304 [LAC 33.III.5109.A.1]  
 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be equipping the tank with a pressure relief valve set at 15 psia to prevent standing losses and a submerged fill pipe to prevent working losses.
- CRG 0004 CST (V-11) - Chemical Storage Tanks (V-11)**
- Group Members: EQR 0044EQT 0045EQT 0046  
 Keep documentation that verifies that each storage tank identified in 40 CFR 63.2343(a) is not required to be controlled. Keep documentation up-to-date (i.e., all such emission sources at a facility are identified in the documentation regardless of when the documentation was last compiled) and in a form suitable and readily available for expeditious inspection and review according to 40 CFR 63.10(b)(1), including records stored in electronic form in a separate location. Subpart EEEE. [40 CFR 63.2343(a)]
- 305 [40 CFR 63.2343(a)]  
 Equip with a submerged fill pipe.
- 306 [LAC 33.III.2103.A]  
 Determine VOC maximum true vapor pressure using the methods in LAC 33.III.2103.H.3.a-e.
- 307 [LAC 33.III.2103.H.3]  
 Equip with a submerged fill pipe.

**SPECIFIC REQUIREMENTS**

**AI ID: 2164 - Bollinger Calcasieu LLC**  
**Activity Number: PER20050003**  
**Permit Number: 0520-00100-V1**  
**Air - Title V Regular Permit Initial**

**CRG 0004 CST (V-11) - Chemical Storage Tanks (V-11)**

- 308 [LAC 33:III.2103.I] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 -7, as applicable.  
 Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.  
 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ.  
 MACT is determined to be equipping the tank with a pressure relief valve set at 15 psia to prevent standing losses and a submerged fill pipe to prevent working losses.

**CRG 0005 OST Group B - Oil Storage Tanks Group B**

- Group Members: EQT 0048 EQT 0049 EQT 0050 EQT 0051 EQT 0052 EQT 0053  
 311 [40 CFR 63.2343(a)] Keep documentation that verifies that each storage tank identified in 40 CFR 63.2343(a) is not required to be controlled. Keep documentation up-to-date (i.e., all such emission sources at a facility are identified in the documentation regardless of when the documentation was last compiled) and in a form suitable and readily available, for expedited inspection and review according to 40 CFR 63.10(b)(1), including records stored in electronic form in a separate location. Subpart EEEE. [40 CFR 63.2343(a)]  
 Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.  
 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ.  
 MACT is determined to be equipping the tank with a pressure relief valve set at 1.5 psia to prevent standing losses and a submerged fill pipe to prevent working losses.

**UNF 0001 Bollinger-CAL - Bollinger Calcasieu**

- 314 [40 CFR 60.4208] Comply with all applicable deadlines specified in 40 CFR 60.4208(a) through (h). Subpart III.  
 All affected facilities shall comply with all applicable provisions in 40 CFR 60 Subpart A.  
 All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A as delineated in Table 12 of 40 CFR 63 Subpart EEEE.  
 All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A as delineated in Appendix C of 40 CFR 63 Subpart II.  
 Submit Title V permit application for renewal: Due 6 months before permit expiration date. [40 CFR 70.5(a)(1)(iii)]  
 Submit Title V monitoring results report: Due semiannually, by March 31st and September 30th for the preceding periods encompassing July through December and January through June, respectively. Submit reports to the Office of Environmental Compliance, Surveillance Division. Certify reports by a responsible company official. Clearly identify all instances of deviations from permitted monitoring requirements. For previously reported deviations, in lieu of attaching the individual deviation reports, clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. [40 CFR 70.6(a)(3)(iii)(A)]

**SPECIFIC REQUIREMENTS**

AI ID: 2164 - Bollinger Calcasieu LLC  
 Activity Number: PER20050003  
 Permit Number: 0520-00100-V1  
 Air - Title V Regular Permit Initial

**UNF 0001 Bollinger-CAL - Bollinger Calcasieu**

- 320 [40 CFR 70.6(a)(3)(iii)(B)]  
 Submit Title V excess emissions report: Due quarterly, by June 30, September 30, December 31, March 31. Submit reports of all permit deviations to the Office of Environmental Compliance, Surveillance Division. Certify all reports by a responsible official in accordance with 40 CFR 70.5(d). The reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by 40 CFR 70.6(a)(3)(iii)(A) as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. Unless required by an applicable reporting requirement, a written report is not required during periods in which there is no deviation. [40 CFR 70.6(a)(3)(iii)(B)]
- 321 [40 CFR 70.6(c)(5)(iv)]  
 Submit Title V compliance certification: Due annually, by the 31st of March. Submit to the Office of Environmental Compliance, Surveillance Division. [40 CFR 70.6(c)(5)(iv)]
- 322 [LAC 33:III.1303.B]  
 Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited.
- 323 [LAC 33:III.2113.A]  
 Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5.
- 324 [LAC 33:III.219]  
 Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance.
- 325 [LAC 33:III.501.C.6]  
 Toxic air pollutants (TAP) <= 30.881 tons/yr. Noncompliance with this limit is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if toxic air pollutants (TAP) exceeds the maximum listed in this specific condition for any twelve consecutive month period.
- 326 [LAC 33:III.501.C.6]  
 No storage tanks greater than or equal to 5,000 gallons will store an Organic Liquid with a vapor pressure greater than or equal to 4.0 psia.
- 327 [LAC 33:III.501.C.6]  
 Permittee shall ensure compliance with the opacity limits of this permit by visually inspecting each source subject to an opacity standard for off-site emissions on a daily basis. If visible off-site emissions are detected, then the permittee shall conduct a 6-minute opacity reading in accordance with EPA Reference Method 9. Records of visible off-site emission check shall include the emission point ID number, the date the visual check was performed, a record if visible off-site emissions were detected, and a record and results of any Method 9 testing conducted. These records shall be kept on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
- 328 [LAC 33:III.507.H.1.a]  
 Submit report: Due annually, by the 1st of July in accordance with LAC 33:III.5107. Report the total TAPs for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.
- 329 [LAC 33:III.507.H.1.a]  
 Aggregate emissions shall be limited to 30.881 tpy. The permittee may emit TAPs, not specifically listed in Section III of the Air Permit Briefing Sheet, at rates below the MER. Emissions in excess of the total TAP limit for any 12 consecutive month period shall be a violation of the permit.
- 330 [LAC 33:III.507.H.1.a]  
 Toxic air pollutants (TAP) monitored by technically sound method continuously.
- 331 [LAC 33:III.5105.A.1]  
 Do not construct or modify any stationary source subject to any standard set forth in LAC 33:III.Chapter 51.Subchapter A without first obtaining written authorization from DEQ in accordance with LAC 33:III.Chapter 51.Subchapter A, after the effective date of the standard.
- 332 [LAC 33:III.5105.A.2]  
 Do not cause a violation of any ambient air standard listed in LAC 33:III.Table 51-2, unless operating in accordance with LAC 33:III.5109.B.
- 333 [LAC 33:III.5105.A.3]  
 Do not build, erect, install, or use any article, machine, equipment, process, or method, the use of which conceals an emission that would otherwise constitute a violation of an applicable standard.

**SPECIFIC REQUIREMENTS**

AI ID: 2164 - Bollinger Calcasieu LLC  
 Activity Number: PER20050003  
 Permit Number: 0520-00100-V1  
 Air - Title V Regular Permit Initial

**UNF 0001 Bollinger-CAL - Bollinger Calcasieu**

- 334 [LAC 33:III.5105.A.4] Do not fail to keep records, notify, report or revise reports as required under LAC 33:III. Chapter 51. Subchapter A.
- 335 [LAC 33:III.5107.A.2] Include a certification statement with the annual emission report and revisions to any emission report that attests that the information contained in the emission report is true, accurate, and complete, and that is signed by a responsible official, as defined in LAC 33:III.502. Include the full name of the responsible official, title, signature, date of signature and phone number of the responsible official.
- 336 [LAC 33:III.5107.A] Submit Annual Emissions Report: Due annually, by the 31st of March unless otherwise directed by DEQ, to the Office of Environmental Assessment in a format specified by DEQ. Identify the quantity of emissions in the previous calendar year for any toxic air pollutant listed in Table 51.1 or Table 51.3.
- 337 [LAC 33:III.5107.B.1] Submit notification: Due to the Department of Public Safety 24-hour Louisiana Emergency Hazardous Materials Hotline at (225) 925-6595 immediately, but in no case later than 1 hour, after any discharge of a toxic air pollutant into the atmosphere that results or threatens to result in an emergency condition (a condition which could reasonably be expected to endanger the health and safety of the public, cause significant adverse impact to the land, water or air environment, or cause severe damage to property).
- 338 [LAC 33:III.5107.B.2] Submit notification: Due to SPOC, except as provided in LAC 33:III.5107.B.6, no later than 24 hours after the beginning of any unauthorized discharge into the atmosphere of a toxic air pollutant as a result of bypassing an emission control device, when the emission control bypass was not the result of an upset, and the quantity of the unauthorized bypass is greater than or equal to the lower of the Minimum Emission Rate (MER) in LAC 33:III.5112, Table 51.1, or a reportable quantity (RQ) in LAC 33:III.3931, or the quantity of the unauthorized bypass is greater than one pound and there is no MER or RQ for the substance in question. Submit notification in the manner provided in LAC 33:III.3923.
- 339 [LAC 33:III.5107.B.3] Submit notification: Due to SPOC, except as provided in LAC 33:III.5107.B.6, immediately, but in no case later than 24 hours after any unauthorized discharge of a toxic air pollutant into the atmosphere that does not cause an emergency condition, the rate or quantity of which is in excess of that allowed by permit, compliance schedule, or variance, or for upset events that exceed the reportable quantity in LAC 33:III.3931.
- 340 [LAC 33:III.5107.B.4] Submit notification report: Due by certified mail to SPOC within seven calendar days of learning of any such discharge or equipment bypass as referred to in LAC 33:III.5107.B.1 through B.3. Include the information specified in LAC 33:III.5107.B.4.a.i through B.4.a.viii.
- 341 [LAC 33:III.5107.B.5] Report all discharges to the atmosphere of a toxic air pollutant from a safety relief device, a line or vessel rupture, a sudden equipment failure, or a bypass of an emission control device, regardless of quantity, IF THEY CAN BE MEASURED AND CAN BE RELIABLY QUANTIFIED USING GOOD ENGINEERING PRACTICES, to DEQ along with the annual emissions report and where otherwise specified. Include the identity of the source, the date and time of the discharge, and the approximate total loss during the discharge.
- 342 [LAC 33:III.5109.C] Except as provided in LAC 33:III.5109.C.1, develop a standard operating procedure (SOP) within 120 days after achieving or demonstrating compliance with the standards specified in LAC 33:III. Chapter 51. Detail in the SOP all operating procedures or parameters established to ensure that compliance with the applicable standards is maintained and address operating procedures for any monitoring system in place, specifying procedures to ensure compliance with LAC 33:III.5113.C.5. Make a written copy of the SOP available on site or at an alternate approved location for inspection by DEQ. Provide a copy of the SOP within 30 days upon request by DEQ.
- 343 [LAC 33:III.5113.A.1] Submit notification in writing: Due to SPOC not more than 60 days nor less than 30 days prior to initial start-up. Submit the anticipated date of the initial start-up.
- 344 [LAC 33:III.5113.A.2] Submit notification in writing: Due to SPOC within 10 working days after the actual date of initial start-up of the source. Submit the actual date of initial start-up of the source.

**SPECIFIC REQUIREMENTS**

AI ID: 2164 - Bollinger Calcasieu LLC  
 Activity Number: PER20050003  
 Permit Number: 0520-00100-V1  
 Air - Title V Regular Permit Initial

**UNF 0001 Bollinger-CAL - Bollinger Calcasieu**

- Permittee shall comply with the Part 70 General Conditions as set forth in LAC 33:III.535 and the Louisiana General Conditions as set forth in LAC 33:III.537. [LAC 33:III.535, LAC 33:III.537]
- Submit standby plan for the reduction or elimination of emissions during an Air Pollution Alert, Air Pollution Warning, or Air Pollution Emergency. Due within 30 days after requested by the administrative authority.
- During an Air Pollution Alert, Air Pollution Warning or Air Pollution Emergency, make the standby plan available on the premises to any person authorized by the department to enforce these regulations.
- Comply with the provisions in 40 CFR 68, except as specified in LAC 33:III.5901.
- Identify hazards that may result from accidental releases of the substances listed in 40 CFR 68.130, Table 59.0 of LAC 33:III.5907, or Table 59.1 of LAC 33:III.5913 using appropriate hazard assessment techniques, design and maintain a safe facility, and minimize the off-site consequences of accidental releases of such substances that do occur.
- Submit registration: Due January 31, 1998, or within 60 days after the source becomes subject to LAC 33:III.Chapter 59, whichever is later.
- Include the information listed in LAC 33:III.5911.B, and submit to the Office of Environmental Compliance.
- Submit amended registration: Due to the Office of Environmental Compliance within 60 days after the information in the submitted registration is no longer accurate.
- Submit Emission Inventory (EI)/Annual Emissions Statement: Due annually, by the 31st of March for the period January 1 to December 31 of the previous year unless otherwise directed. Submit emission inventory data in the format specified by the Office of Environmental Assessment.
- Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A-D.